

# MS Reference Sans Serif

## 8 POINT

abcdefghijklmnopqrstuvwxyz 0123456789  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 { [ , . ; : ? ! ] } ( @ # \$ % ^ & \* ) \_ \_ \_  
 abcdefghijklmnopqrstuvwxyz 0123456789  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 { [ , . ; : ? ! ] } ( @ # \$ % ^ & \* ) \_ \_ \_

abcdefghijklmnopqrstuvwxyz 0123456789  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 { [ , . ; : ? ! ] } ( @ # \$ % ^ & \* ) \_ \_ \_  
 abcdefghijklmnopqrstuvwxyz 0123456789  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 { [ , . ; : ? ! ] } ( @ # \$ % ^ & \* ) \_ \_ \_

## 10 POINT

abcdefghijklmnopqrstuvwxyz 0123456789  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 { [ , . ; : ? ! ] } ( @ # \$ % ^ & \* ) \_ \_ \_  
 abcdefghijklmnopqrstuvwxyz 0123456789  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 { [ , . ; : ? ! ] } ( @ # \$ % ^ & \* ) \_ \_ \_

abcdefghijklmnopqrstuvwxyz 0123456789  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 { [ , . ; : ? ! ] } ( @ # \$ % ^ & \* ) \_ \_ \_  
 abcdefghijklmnopqrstuvwxyz 0123456789  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 { [ , . ; : ? ! ] } ( @ # \$ % ^ & \* ) \_ \_ \_

## 12 POINT

abcdefghijklmnopqrstuvwxyz 0123456789  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 { [ , . ; : ? ! ] } ( @ # \$ % ^ & \* ) \_ \_ \_  
 abcdefghijklmnopqrstuvwxyz 0123456789  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 { [ , . ; : ? ! ] } ( @ # \$ % ^ & \* ) \_ \_ \_  
**abcdefghijklmnopqrstuvwxyz 0123456789**  
**ABCDEFGHIJKLMNOPQRSTUVWXYZ**  
**{ [ , . ; : ? ! ] } ( @ # \$ % ^ & \* ) \_ \_ \_**  
**abcdefghijklmnopqrstuvwxyz 0123456789**  
**ABCDEFGHIJKLMNOPQRSTUVWXYZ**  
**{ [ , . ; : ? ! ] } ( @ # \$ % ^ & \* ) \_ \_ \_**

PT SIZE	CHARS/PICA
6	3.58
6.5	3.32
7	3.08
7.5	2.89
8	2.72
8.5	2.56
9	2.42
9.5	2.29
10	2.17
10.5	2.07
11	1.97
11.5	1.89
12	1.80
12.5	1.73
13	1.67
13.5	1.60
14	1.54
14.5	1.49
15	1.43
15.5	1.39
16	1.34
16.5	1.30
17	1.26
17.5	1.22
18	1.19
18.5	1.15
19	1.12
19.5	1.09
20	1.06
20.5	1.03
21	1.00
21.5	0.98
22	0.96
22.5	0.93
23	0.91
23.5	0.89
24	0.87
24.5	0.85

## 14 POINT

abcdefghijklmnopqrstuvwxyz 0123456789  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 { [ , . ; : ? ! ] } ( @ # \$ % ^ & \* ) \_ \_ \_  
 abcdefghijklmnopqrstuvwxyz 0123456789  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 { [ , . ; : ? ! ] } ( @ # \$ % ^ & \* ) \_ \_ \_  
**abcdefghijklmnopqrstuvwxyz 0123456789**  
**ABCDEFGHIJKLMNOPQRSTUVWXYZ**  
**{ [ , . ; : ? ! ] } ( @ # \$ % ^ & \* ) \_ \_ \_**  
**abcdefghijklmnopqrstuvwxyz 0123456789**  
**ABCDEFGHIJKLMNOPQRSTUVWXYZ**  
**{ [ , . ; : ? ! ] } ( @ # \$ % ^ & \* ) \_ \_ \_**

## 18 POINT

abcdefghijklmnopqrstuvwxyz 0123456789  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 { [ , . ; : ? ! ] } ( @ # \$ % ^ & \* ) \_ \_ \_  
 abcdefghijklmnopqrstuvwxyz 0123456789  
 ABCDEFGHIJKLMNOPQRSTUVWXYZ  
 { [ , . ; : ? ! ] } ( @ # \$ % ^ & \* ) \_ \_ \_  
**abcdefghijklmnopqrstuvwxyz 0123456789**  
**ABCDEFGHIJKLMNOPQRSTUVWXYZ**  
**{ [ , . ; : ? ! ] } ( @ # \$ % ^ & \* ) \_ \_ \_**

**6789**  
**ABCDEFGHIJKLMNOPQRSTUVWXYZ**  
**{ [ , . ; : ? ! ] } ( @ # \$ % ^ & \* ) \_ \_ \_**  
**abcdefghijklmnopqrstuvwxyz 0123456789**  
**ABCDEFGHIJKLMNOPQRSTUVWXYZ**

{ [ . ; : ? ! ] } ( @ # \$ % ^ & \* ) \_ - - -