

Converting Colors

CIELCh(66, 7.836, 180.543)

Have a look what the booklet for
CIELCh(66, 7.836, 180.543) contains.

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Color

CIELCh(66, 8.000, 178.475)

Conversions

Conversions Part 1

Format	Color
Hex	91A5A0
RGB	145, 165, 160
RGB Percent	57%, 65%, 63%
CMY	0.4325, 0.3541, 0.3737
CMYK	0.12, 0.00, 0.03, 0.35
HSL	165°, 10%, 61%
HSV	165°, 12%, 65%
XYZ	31.3464, 35.3238, 38.2881
YIQ	158.4500, -10.3150, -5.7950

Conversions

Conversions Part 2

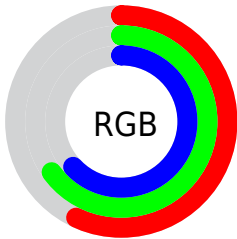
Format	Color
RYB	145, 156, 165
Decimal	9545120
CIELab	66.00, -8.00, 0.21
CIELCh	66, 8.000, 178.475
Yxy	35.3238, 0.2987, 0.3366
Android (android.graphics.Color)	4287735200 (0xFF91A5A0)
YUV	158.4500, 0.7642, -11.7956
Hunter-Lab	59.4338, -9.8652, 3.4082

Details

The CIELCh color $66, 8.000, 178.475$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 8.331, 0.619$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 7.932, 179.588$, and $46, 7.929, 181.041$ is the 20% darker color. If you saturate the color by 10%, you get $65, 14.399, 177.480$, and if you desaturate by 10%, it is $67, 1.420, 179.624$.

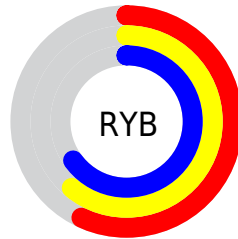
Distribution



Red (57%)

Green (65%)

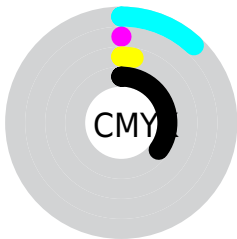
Blue (63%)



Red (57%)

Yellow (61%)

Blue (65%)

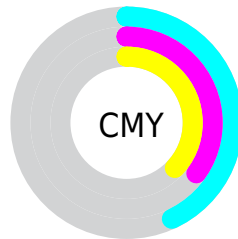


Cyan (12%)

Magenta (0%)

Yellow (3%)

Black (35%)



Cyan (43%)

Magenta (35%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 8.000, 178.475 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 66, 8.000, 178.475 by changing the saturation by 10% instead.

■ 66, 8.000, 178.475

■ 66, 8.000, 178.475

■ 100, 8.000,
178.475

■ 56, 8.000, 178.475

■ 86, 8.000, 178.475

■ 46, 8.000, 178.475

■ 96, 8.000, 178.475

■ 36, 8.000, 178.475

■ 26, 8.000, 178.475

■ 16, 8.000, 178.475

■ 6, 8.000, 178.475

■ 0, 8.000, 178.475

■ 66, 8.000, 178.475

■ 66, 8.000, 178.475

■ 65, 14.399,

■ 67, 1.420, 179.624

177.480

69, 5.261, 0.103

64, 20.515,
176.438

70, 11.973, 0.970

63, 26.245,
175.317

72, 18.662, 1.769

62, 31.481,
174.096

74, 25.287, 2.530

61, 36.124,
172.753

77, 36.433, 2.736

61, 40.099,
171.264

77, 36.958,
359.452

61, 43.369,
169.608

77, 37.612,
356.280

60, 45.951,
167.769

60, 47.663,
166.263

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



66, 8.000, 178.475



62, 8.331, 0.619

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66, 8.000, 178.475



66, 8.000, 228.475



66, 8.000, 358.475



66, 8.000, 48.475

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



66, 8.001, 178.468



85, 3.287, 179.310



66, 12.465, 136.262



45, 2.331, 179.221



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66, 8.001, 178.468



83, 12.199, 178.161



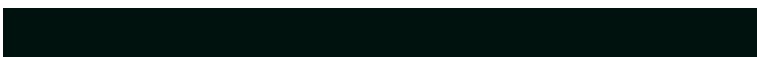
65, 6.151, 224.037



34, 3.711, 178.751



53, 43.344, 166.495



4, 6.002, 175.708

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62, 8.331, 0.619



77, 12.837, 0.963



63, 6.616, 42.939



32, 3.828, 0.310



30, 58.770, 24.273



1, 5.776, 1.246

Previews

White Background



This preview shows how the CIELCh color 66, 8.000, 178.475 looks on a white background.

Color Contrast Check

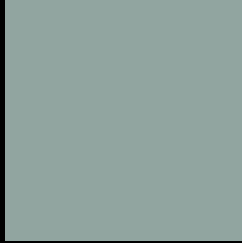
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 8.000, 178.475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

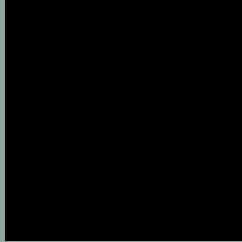
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

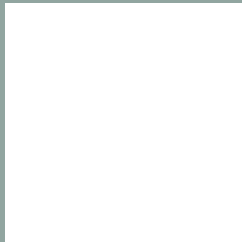
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 8.000, 178.475

Background



This preview shows how black text looks on a background with the CIELCh color 66, 8.000, 178.475.



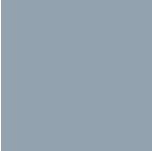
This preview shows how white text looks on a background with the CIELCh color 66, 8.000, 178.475.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
66, 8.883, 253.589

Trichromacy



Original Color
66, 8.000, 178.475

Protanomaly
66, 2.263, 152.304

Deuteranomaly
66, 2.221, 349.507

Tritanomaly
66, 6.960, 227.621

Monochromacy



Original Color
66, 8.000, 178.475

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.710, 187.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 8.000, 178.475 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(145, 165, 160)` looks like.

```
.text, #text, p{  
    color:rgb(145, 165, 160)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(145, 165, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 165, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 8.000, 178.475 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 165, 160) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(145, 165, 160) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(145, 165, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 165, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 165, 160);  
box-shadow:4px 4px 4px 4px rgb(145, 165,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 8.000, 178.475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 165, 160) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(145,  
165, 160) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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