

Converting Colors

CIELCh(65, 6.650, 106.069)

Have a look what the booklet for
CIELCh(65, 6.650, 106.069) contains.

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Color

CIELCh(65, 6.650, 106.069)

Conversions

Conversions Part 1

Format	Color
Hex	9F9E92
RGB	159, 158, 146
RGB Percent	62%, 62%, 57%
CMY	0.3752, 0.3792, 0.4262
CMYK	0.00, 0.01, 0.08, 0.38
HSL	55°, 6%, 60%
HSV	55°, 8%, 62%
XYZ	31.8517, 34.0472, 32.2120
YIQ	156.9310, 4.4480, -3.5200

Conversions

Conversions Part 2

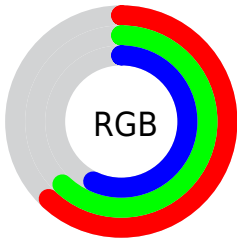
Format	Color
RYB	147, 159, 146
Decimal	10460818
CIELab	65.00, -1.84, 6.39
CIELCh	65, 6.650, 106.069
Yxy	34.0472, 0.3246, 0.3470
Android (android.graphics.Color)	4288650898 (0xFF9F9E92)
YUV	156.9310, -5.3890, 1.8145
Hunter-Lab	58.3500, -4.6740, 8.1140

Details

The CIELCh color $65, 6.650, 106.069$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 6.762, 287.777$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 6.814, 106.472$, and $45, 6.541, 105.513$ is the 20% darker color. If you saturate the color by 10%, you get $64, 14.799, 105.070$, and if you desaturate by 10%, it is $66, 1.506, 287.141$.

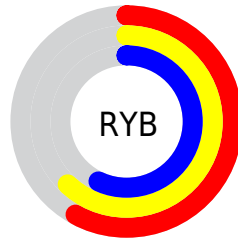
Distribution



Red (62%)

Green (62%)

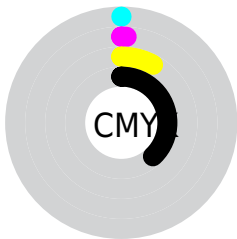
Blue (57%)



Red (58%)

Yellow (62%)

Blue (57%)

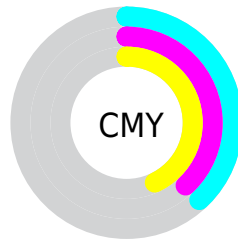


Cyan (0%)

Magenta (1%)

Yellow (8%)

Black (38%)



Cyan (38%)

Magenta (38%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 6.650, 106.069 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 65, 6.650, 106.069 by changing the saturation by 10% instead.

■ 65, 6.650, 106.069

■ 65, 6.650, 106.069

■ 100, 6.650,
106.069

■ 55, 6.650, 106.069

■ 85, 6.650, 106.069

■ 45, 6.650, 106.069

■ 95, 6.650, 106.069

■ 35, 6.650, 106.069

■ 25, 6.650, 106.069

■ 15, 6.650, 106.069

■ 5, 6.650, 106.069

■ 0, 6.650, 106.069

■ 65, 6.650, 106.069

■ 65, 6.650, 106.069

■ 64, 14.799,

■ 66, 1.506, 287.141

105.070

67, 9.646, 288.062

64, 22.892,
104.043

67, 17.749,
288.988

63, 30.858,
103.016

68, 25.806,
289.877

62, 38.581,
102.005

69, 33.808,
290.726

62, 45.876,
101.029

70, 41.749,
291.532

61, 52.464,
100.110

71, 48.108,
292.065

61, 57.954, 99.273

71, 47.405,
291.511

61, 61.899, 98.533

72, 46.705,
290.942

60, 64.184, 97.886

Harmonies

Complementary

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



65, 6.650, 106.069



61, 6.762, 287.777

Rectangle

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



65, 6.650, 106.069



65, 6.650, 156.069



65, 6.650, 286.069



65, 6.650, 336.069

Sweetspot

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



65, 6.651, 106.080



83, 2.006, 106.656



62, 5.139, 13.060



44, 1.149, 106.665



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



65, 6.651, 106.080



82, 10.070, 105.878



65, 7.521, 125.734



33, 4.579, 105.973



54, 59.627, 97.821



4, 5.906, 106.122

Inverse Universe

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



61, 6.762, 287.777



76, 10.269, 288.005



61, 7.627, 306.487



31, 4.663, 287.898



17, 83.070, 305.036



1, 6.037, 287.088

Previews

White Background



This preview shows how the CIELCh color 65, 6.650, 106.069 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 65, 6.650, 106.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

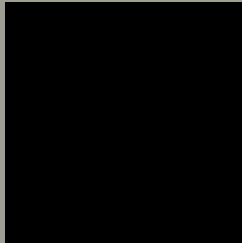
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 6.650, 106.069

Background



This preview shows how black text looks on a background with the CIELCh color 65, 6.650, 106.069.



This preview shows how white text looks on a background with the CIELCh color 65, 6.650, 106.069.

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



Original Color

65, 6.650, 106.069

Protanopia

65, 6.524, 88.212

Deuteranopia

65, 10.217, 32.721



Tritanopia
65, 7.212, 312.203

Trichromacy



Original Color
65, 6.650, 106.069

Protanomaly
65, 6.392, 91.536

Deuteranomaly
65, 7.792, 49.637

Tritanomaly
65, 2.555, 338.734

Monochromacy



Original Color
65, 6.650, 106.069

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.242, 99.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 6.650, 106.069 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(159, 158, 146)` looks like.

```
.text, #text, p{  
    color:rgb(159, 158, 146)  
}
```

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(159, 158, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 158, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 6.650, 106.069 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(159, 158, 146) }
```

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

```
.border{ border-color:rgb(159, 158, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 158, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 158, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 158, 146);  
box-shadow:4px 4px 4px 4px rgb(159, 158,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 6.650, 106.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 158, 146) }
```

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

```
.background{ background-color: rgb(159,  
158, 146) }
```

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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