

Converting Colors

CIELCh(65, 2.633, 31.513)

Have a look what the booklet for
CIELCh(65, 2.633, 31.513) contains.

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Color

CIELCh(65, 2.757, 31.068)

Conversions

Conversions Part 1

Format	Color
Hex	A39C9B
RGB	163, 156, 155
RGB Percent	64%, 61%, 61%
CMY	0.3598, 0.3873, 0.3912
CMYK	0.00, 0.04, 0.05, 0.36
HSL	8°, 4%, 62%
HSV	8°, 5%, 64%
XYZ	33.0219, 34.0472, 35.9501
YIQ	157.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

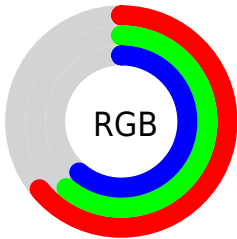
Format	Color
RYB	163, 156, 155
Decimal	10722459
CIELab	65.00, 2.36, 1.42
CIELCh	65, 2.757, 31.068
Yxy	34.0472, 0.3205, 0.3305
Android (android.graphics.Color)	4288912539 (0xFFA39C9B)
YUV	157.9790, -1.4686, 4.4034
Hunter-Lab	58.3500, -1.0941, 4.3157

Details

The CIELCh color **65, 2.757, 31.068** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 2.675, 211.351**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 2.963, 29.614**, and **45, 2.563, 32.971** is the 20% darker color. If you saturate the color by 10%, you get **61, 8.727, 31.432**, and if you desaturate by 10%, it is **69, 2.757, 211.352**.

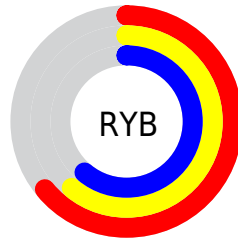
Distribution



Red (64%)

Green (61%)

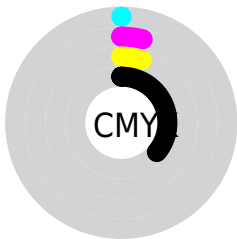
Blue (61%)



Red (64%)

Yellow (61%)

Blue (61%)

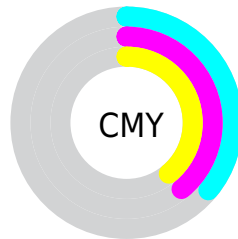


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (36%)



Cyan (36%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 2.757, 31.068 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, 2.757, 31.068 by changing the saturation by 10% instead.

■ 65, 2.757, 31.068 ■ 65, 2.757, 31.068

■ 100, 2.757, 31.068 ■ 55, 2.757, 31.068

■ 85, 2.757, 31.068 ■ 45, 2.757, 31.068

■ 95, 2.757, 31.068 ■ 35, 2.757, 31.068

■ 25, 2.757, 31.068

■ 15, 2.757, 31.068

■ 5, 2.757, 31.068

■ 0, 2.757, 31.068

■ 65, 2.757, 31.068 ■ 65, 2.757, 31.068

■ 61, 8.727, 31.432 ■ 69, 2.757, 211.352

57, 15.194, 31.807

74, 7.856, 211.222

53, 22.180, 32.356

78, 12.587,
211.242

49, 29.682, 33.140

82, 16.991,
211.320

45, 37.655, 34.214

42, 45.985, 35.621

87, 21.110,
211.435

39, 54.455, 37.348

91, 24.979,
211.575

37, 62.624, 39.226

35, 69.554, 40.748

95, 28.549,
197.658

Harmonies

Complementary

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



65, 2.757, 31.068



66, 2.675, 211.351

Rectangle

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



65, 2.757, 31.068



65, 2.757, 81.068



65, 2.757, 211.068



65, 2.757, 261.068

Sweetspot

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



65, 2.756, 31.105



84, 0.683, 30.381



65, 5.000, 328.014



45, 0.392, 30.329



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 2.756, 31.105



82, 4.189, 31.159



66, 2.957, 86.236



33, 2.240, 31.173



31, 66.226, 41.504



2, 4.915, 29.983

Inverse Universe

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



66, 2.675, 211.351



83, 4.033, 211.309



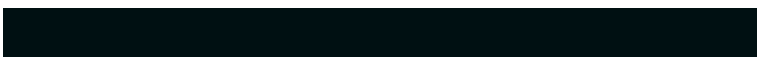
65, 2.959, 267.614



34, 2.152, 211.299



49, 28.936, 218.917



4, 4.745, 214.992

Previews

White Background



This preview shows how the CIELCh color 65, 2.757, 31.068 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, 2.757, 31.068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

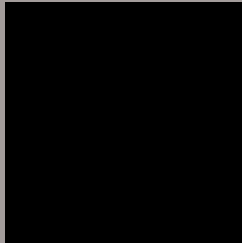
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

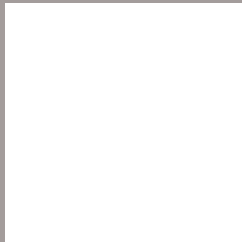
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 2.757, 31.068

Background



This preview shows how black text looks on a background with the CIELCh color 65, 2.757, 31.068.

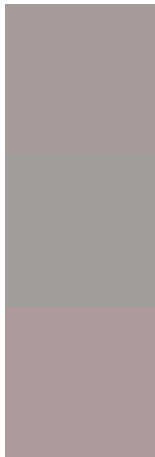


This preview shows how white text looks on a background with the CIELCh color 65, 2.757, 31.068.

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, 2.757, 31.068

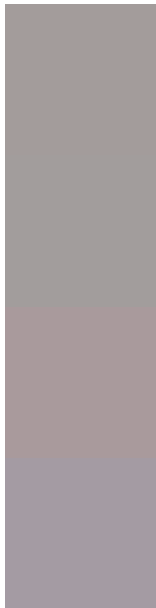
Protanopia
65, 1.629, 39.131

Deuteranopia
65, 7.974, 8.120



Tritanopia
65, 8.380, 320.500

Trichromacy



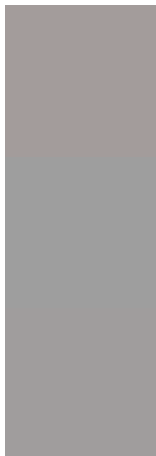
Original Color
65, 2.757, 31.068

Protanomaly
65, 1.998, 35.431

Deuteranomaly
65, 5.934, 9.149

Tritanomaly
65, 5.643, 327.880

Monochromacy



Original Color
65, 2.757, 31.068

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.151, 19.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 2.757, 31.068 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(163, 156, 155)` looks like.

```
.text, #text, p{  
    color:rgb(163, 156, 155)  
}
```

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(163, 156, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 156, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 2.757, 31.068 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(163, 156, 155) }
```

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

```
.border{ border-color:rgb(163, 156, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 156, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 156, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 156, 155);  
box-shadow:4px 4px 4px 4px rgb(163, 156,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 2.757, 31.068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 156, 155) }
```

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

```
.background{ background-color: rgb(163,  
156, 155) }
```

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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