

Converting Colors

CIELCh(66, 5.090, 198.649)

Have a look what the booklet for
CIELCh(66, 5.090, 198.649) contains.

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Color

CIELCh(66, 5.208, 199.036)

Conversions

Conversions Part 1

Format	Color
Hex	95A3A3
RGB	149, 163, 163
RGB Percent	58%, 64%, 64%
CMY	0.4149, 0.3600, 0.3600
CMYK	0.09, 0.00, 0.00, 0.36
HSL	180°, 7%, 61%
HSV	180°, 9%, 64%
XYZ	32.1907, 35.3238, 39.8647
YIQ	158.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

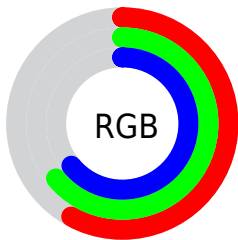
Format	Color
RYB	149, 156, 163
Decimal	9806755
CIELab	66.00, -4.92, -1.70
CIElCh	66, 5.208, 199.036
Yxy	35.3238, 0.2998, 0.3290
Android (android.graphics.Color)	4287996835 (0xFF95A3A3)
YUV	158.8140, 2.0637, -8.6069
Hunter-Lab	59.4338, -7.3296, 1.8355

Details

The CIELCh color **66, 5.208, 199.036** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 5.492, 19.835**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 5.306, 199.138**, and **46, 5.149, 198.875** is the 20% darker color. If you saturate the color by 10%, you get **65, 10.974, 198.469**, and if you desaturate by 10%, it is **67, 0.881, 18.930**.

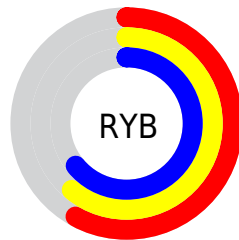
Distribution



Red (58%)

Green (64%)

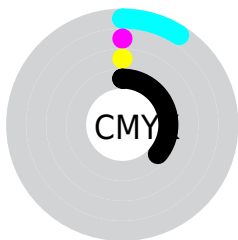
Blue (64%)



Red (58%)

Yellow (61%)

Blue (64%)

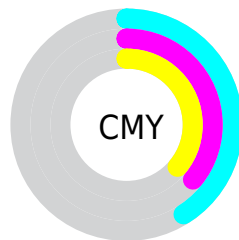


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (36%)



Cyan (41%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 5.208, 199.036 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, 5.208, 199.036 by changing the saturation by 10% instead.

■ 66, 5.208, 199.036

■ 66, 5.208, 199.036

■ 100, 5.208,
199.036

■ 56, 5.208, 199.036

■ 86, 5.208, 199.036

■ 46, 5.208, 199.036

■ 96, 5.208, 199.036

■ 36, 5.208, 199.036

■ 26, 5.208, 199.036

■ 16, 5.208, 199.036

■ 6, 5.208, 199.036

■ 0, 5.208, 199.036

■ 66, 5.208, 199.036

■ 66, 5.208, 199.036

■ 65, 10.974,

■ 67, 0.881, 18.930

198.469

69, 7.211, 19.971

64, 16.322,
197.996

70, 13.706, 20.592

63, 21.155,
197.580

72, 20.305, 21.208

62, 25.382,
197.224

73, 26.957, 21.827

62, 28.924,
196.930

76, 36.840, 22.744

61, 31.727,
196.700

76, 36.839, 22.741

61, 33.772,
196.533

76, 36.839, 22.739

61, 35.083,
196.426

61, 35.803,
196.366

Harmonies

Complementary

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



66, 5.208, 199.036



63, 5.492, 19.835

Rectangle

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



66, 5.208, 199.036



66, 5.208, 249.036



66, 5.208, 19.036



66, 5.208, 69.036

Sweetspot

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



66, 5.209, 199.020



84, 2.278, 199.476



66, 9.437, 143.542



45, 1.738, 199.382



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, 5.209, 199.020



83, 7.470, 198.923



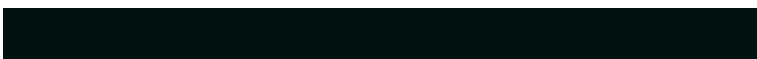
64, 4.591, 254.731



34, 3.428, 198.978



54, 32.971, 196.359



4, 5.463, 199.401

Inverse Universe

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



63, 5.492, 19.835



79, 7.957, 19.960



65, 4.689, 72.518



32, 3.629, 19.888



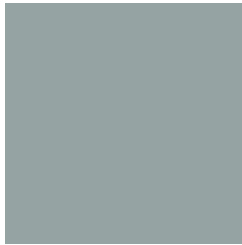
30, 68.057, 39.257



1, 5.464, 19.391

Previews

White Background



This preview shows how the CIELCh color 66, 5.208, 199.036 looks on a white background.

Color Contrast Check

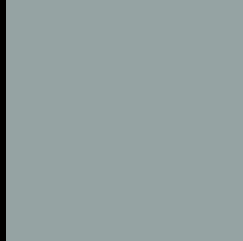
Large Text (above 18pt) WCAG AA × Fail

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, 5.208, 199.036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

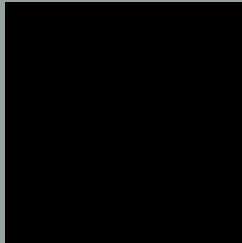
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

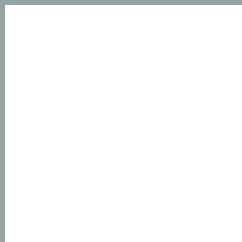
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 5.208, 199.036

Background



This preview shows how black text looks on a background with the CIELCh color 66, 5.208, 199.036.

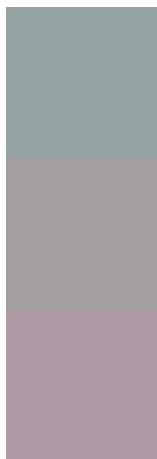


This preview shows how white text looks on a background with the CIELCh color 66, 5.208, 199.036.

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

66, 5.208, 199.036

Protanopia

66, 1.900, 343.663

Deuteranopia

66, 9.159, 343.104



Tritanopia
66, 7.991, 263.965

Trichromacy



Original Color
66, 5.208, 199.036

Protanomaly
66, 1.256, 225.887

Deuteranomaly
66, 4.285, 328.798

Tritanomaly
66, 6.168, 245.274

Monochromacy



Original Color
66, 5.208, 199.036

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 2.262, 199.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 5.208, 199.036 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(149, 163, 163)` looks like.

```
.text, #text, p{  
    color:rgb(149, 163, 163)  
}
```

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(149, 163, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 163, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 5.208, 199.036 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(149, 163, 163) }
```

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

```
.border{ border-color:rgb(149, 163, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 163, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 163, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 163, 163);  
box-shadow:4px 4px 4px 4px rgb(149, 163,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 5.208, 199.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 163, 163) }
```

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

```
.background{ background-color: rgb(149,  
163, 163) }
```

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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