

Converting Colors

CIELCh(66, 9.117, 205.698)

Have a look what the booklet for
CIELCh(66, 9.117, 205.698) contains.

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Color

CIELCh(66, 9.109, 205.700)

Conversions

Conversions Part 1

Format	Color
Hex	8CA5A7
RGB	140, 165, 167
RGB Percent	55%, 65%, 65%
CMY	0.4506, 0.3525, 0.3447
CMYK	0.16, 0.01, 0.00, 0.34
HSL	184°, 13%, 60%
HSV	184°, 16%, 66%
XYZ	31.2891, 35.3238, 41.7764
YIQ	157.7530, -15.5420, -4.6780

Conversions

Conversions Part 2

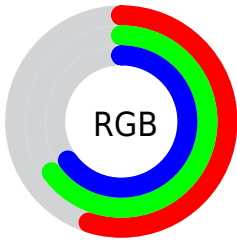
Format	Color
RYB	140, 153, 167
Decimal	9217447
CIELab	66.00, -8.21, -3.95
CIElCh	66, 9.109, 205.700
Yxy	35.3238, 0.2887, 0.3259
Android (android.graphics.Color)	4287407527 (0xFF8CA5A7)
YUV	157.7530, 4.5588, -15.5694
Hunter-Lab	59.4338, -10.0374, -0.0717

Details

The CIELCh color $66, 9.109, 205.700$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 10.124, 26.657$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 9.066, 205.514$, and $46, 9.197, 205.893$ is the 20% darker color. If you saturate the color by 10%, you get $65, 14.271, 205.522$, and if you desaturate by 10%, it is $68, 3.566, 206.005$.

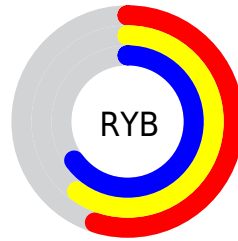
Distribution



Red (55%)

Green (65%)

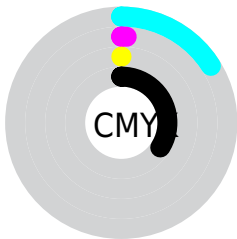
Blue (65%)



Red (55%)

Yellow (60%)

Blue (65%)

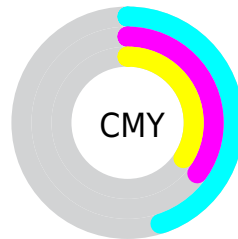


Cyan (16%)

Magenta (1%)

Yellow (0%)

Black (34%)



Cyan (45%)

Magenta (35%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 9.109, 205.700 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, 9.109, 205.700 by changing the saturation by 10% instead.

■ 66, 9.109, 205.700 ■ 66, 9.109, 205.700

■ 100, 9.109,
205.700 ■ 56, 9.109, 205.700

■ 86, 9.109, 205.700 ■ 46, 9.109, 205.700

■ 96, 9.109, 205.700 ■ 36, 9.109, 205.700

■ 26, 9.109, 205.700

■ 16, 9.109, 205.700

■ 6, 9.109, 205.700

■ 0, 9.109, 205.700

■ 66, 9.109, 205.700 ■ 66, 9.109, 205.700

■ 65, 14.271, ■ 68, 3.566, 206.005

205.522

69, 2.274, 25.949

63, 18.960,
205.465

71, 8.335, 26.448

62, 23.083,
205.534

73, 14.554, 26.854

61, 26.556,
205.750

75, 20.877, 27.272

60, 29.312,
206.138

77, 27.262, 27.702

60, 31.314,
206.724

79, 32.832, 28.226

59, 32.568,
207.532

79, 32.452, 29.372

58, 33.148,
208.574

79, 32.086, 30.545

58, 33.299,
208.999

Harmonies

Complementary

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



66, 9.109, 205.700



61, 10.124, 26.657

Rectangle

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



66, 9.109, 205.700



66, 9.109, 255.700



66, 9.109, 25.700



66, 9.109, 75.700

Sweetspot

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



66, 9.110, 205.691



86, 3.587, 206.062



66, 17.473, 145.289



46, 2.463, 206.024



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



66, 9.110, 205.691



83, 13.109, 205.626



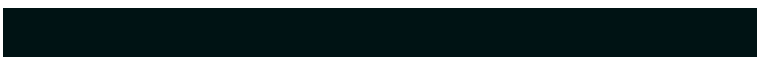
62, 9.466, 264.545



35, 3.271, 205.880



52, 30.466, 208.860



5, 5.969, 208.824

Inverse Universe

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



61, 17.409, 327.389



76, 25.321, 327.571



65, 9.696, 80.225



33, 6.113, 326.992



34, 72.724, 331.355



2, 10.881, 327.331

Previews

White Background



This preview shows how the CIELCh color 66, 9.109, 205.700 looks on a white background.

Color Contrast Check

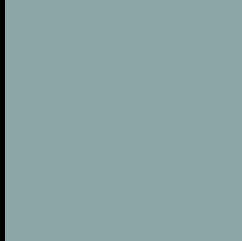
Large Text (above 18pt) WCAG AA × Fail

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, 9.109, 205.700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

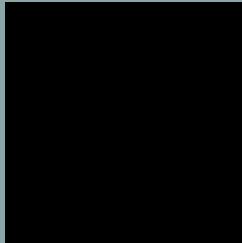
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 9.109, 205.700

Background



This preview shows how black text looks on a background with the CIELCh color 66, 9.109, 205.700.



This preview shows how white text looks on a background with the CIELCh color 66, 9.109, 205.700.

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, 10.451, 242.681

Trichromacy



Original Color
66, 9.109, 205.700

Protanomaly
66, 3.395, 240.203

Deuteranomaly
66, 5.016, 294.975

Tritanomaly
66, 9.494, 230.663

Monochromacy



Original Color
66, 9.109, 205.700

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.749, 199.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 9.109, 205.700 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(140, 165, 167)` looks like.

```
.text, #text, p{  
    color:rgb(140, 165, 167)  
}
```

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(140, 165, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 165, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 9.109, 205.700 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(140, 165, 167) }
```

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

```
.border{ border-color:rgb(140, 165, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 165, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 165, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 165, 167);  
box-shadow:4px 4px 4px 4px rgb(140, 165,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 9.109, 205.700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 165, 167) }
```

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

```
.background{ background-color: rgb(140,  
165, 167) }
```

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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