

Converting Colors

CIELCh(66, 9.889, 194.235)

Have a look what the booklet for
CIELCh(66, 9.889, 194.235) contains.

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Color

CIELCh(66, 9.948, 192.162)

Conversions

Conversions Part 1

Format	Color
Hex	8BA6A4
RGB	139, 166, 164
RGB Percent	55%, 65%, 64%
CMY	0.4558, 0.3500, 0.3578
CMYK	0.16, 0.00, 0.01, 0.35
HSL	176°, 13%, 60%
HSV	176°, 16%, 65%
XYZ	30.8785, 35.3238, 40.1976
YIQ	157.6990, -15.4500, -6.3460

Conversions

Conversions Part 2

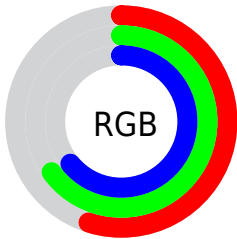
Format	Color
RYB	139, 153, 166
Decimal	9152164
CIELab	66.00, -9.72, -2.10
CIElCh	66, 9.948, 192.162
Yxy	35.3238, 0.2902, 0.3320
Android (android.graphics.Color)	4287342244 (0xFF8BA6A4)
YUV	157.6990, 3.1064, -16.3990
Hunter-Lab	59.4338, -11.2706, 1.5034

Details

The CIELCh color **66, 9.948, 192.162** is a light color, and the websafe version is hex **669999**. A complement of this color would be **60, 10.874, 14.579**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 9.851, 192.635**, and **46, 10.112, 191.496** is the 20% darker color. If you saturate the color by 10%, you get **65, 15.625, 191.432**, and if you desaturate by 10%, it is **67, 3.923, 192.935**.

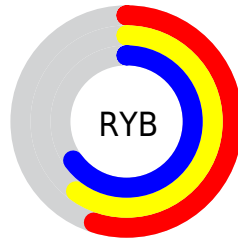
Distribution



Red (55%)

Green (65%)

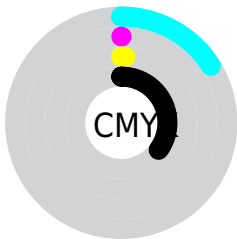
Blue (64%)



Red (55%)

Yellow (60%)

Blue (65%)

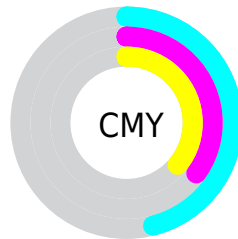


Cyan (16%)

Magenta (0%)

Yellow (1%)

Black (35%)



Cyan (46%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 9.948, 192.162 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, 9.948, 192.162 by changing the saturation by 10% instead.

66, 9.948, 192.162

66, 9.948, 192.162

100, 9.948,
192.162

56, 9.948, 192.162

86, 9.948, 192.162

46, 9.948, 192.162

96, 9.948, 192.162

36, 9.948, 192.162

26, 9.948, 192.162

16, 9.948, 192.162

6, 9.948, 192.162

0, 9.948, 192.162

66, 9.948, 192.162

66, 9.948, 192.162

65, 15.625,

67, 3.923, 192.935

191.432

69, 2.360, 13.324

64, 20.852,
190.718

70, 8.818, 14.179

63, 25.529,
190.004

72, 15.381, 14.908

63, 29.563,
189.283

73, 21.996, 15.618

62, 32.883,
188.542

75, 28.616, 16.317

62, 35.447,
187.771

77, 35.209, 17.004

77, 35.258, 15.974

61, 37.260,
186.952

61, 38.394,
186.076

61, 38.748,
185.750

Harmonies

Complementary

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



66, 9.948, 192.162



60, 10.874, 14.579

Rectangle

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



66, 9.948, 192.162



66, 9.948, 242.162



66, 9.948, 12.162



66, 9.948, 62.162

Sweetspot

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



66, 9.949, 192.155



86, 3.890, 193.047



66, 17.824, 141.303



46, 2.672, 192.982



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, 9.949, 192.155



84, 15.040, 191.857



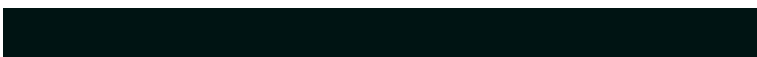
63, 8.383, 247.915



35, 3.555, 192.684



55, 35.611, 185.843



5, 6.657, 190.982

Inverse Universe

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



60, 10.874, 14.579



75, 16.839, 15.006



63, 8.929, 64.161



33, 3.736, 13.909



30, 66.433, 36.314



1, 6.608, 14.109

Previews

White Background



This preview shows how the CIELCh color 66, 9.948, 192.162 looks on a white background.

Color Contrast Check

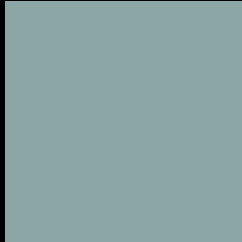
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 66, 9.948, 192.162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

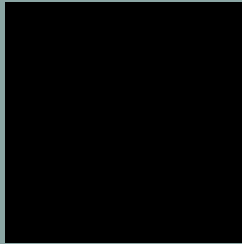
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

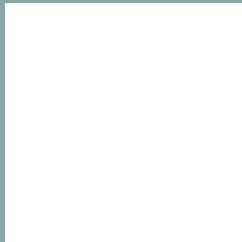
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 9.948, 192.162

Background



This preview shows how black text looks on a background with the CIELCh color 66, 9.948, 192.162.



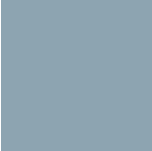
This preview shows how white text looks on a background with the CIELCh color 66, 9.948, 192.162.

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, 10.698, 241.415

Trichromacy



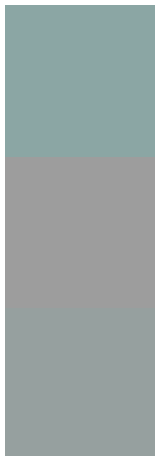
Original Color
66, 9.948, 192.162

Protanomaly
66, 2.635, 199.348

Deuteranomaly
66, 3.427, 303.226

Tritanomaly
66, 9.650, 222.541

Monochromacy



Original Color
66, 9.948, 192.162

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.813, 190.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 9.948, 192.162 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(139, 166, 164)` looks like.

```
.text, #text, p{  
    color:rgb(139, 166, 164)  
}
```

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(139, 166, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 166, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 9.948, 192.162 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(139, 166, 164) }
```

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

```
.border{ border-color:rgb(139, 166, 164) }
```

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

Here you see how a box with a 4 pixel rgb(139, 166, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 166, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 166, 164);  
box-shadow:4px 4px 4px 4px rgb(139, 166,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 9.948, 192.162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 166, 164) }
```

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

```
.background{ background-color: rgb(139,  
166, 164) }
```

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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