

Converting Colors

CIELCh(66, 8.496, 171.539)

Have a look what the booklet for
CIELCh(66, 8.496, 171.539) contains.

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Color

CIELCh(66, 8.496, 171.539)

Conversions

Conversions Part 1

Format	Color
Hex	91A59E
RGB	145, 165, 158
RGB Percent	57%, 65%, 62%
CMY	0.4320, 0.3535, 0.3810
CMYK	0.12, 0.00, 0.04, 0.35
HSL	159°, 10%, 61%
HSV	159°, 12%, 65%
XYZ	31.2359, 35.3238, 37.4504
YIQ	158.2220, -9.6730, -6.4170

Conversions

Conversions Part 2

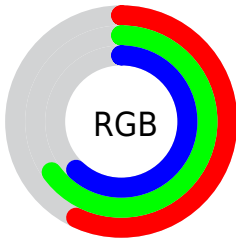
Format	Color
RYB	145, 157, 165
Decimal	9545118
CIELab	66.00, -8.40, 1.25
CIELCh	66, 8.496, 171.539
Yxy	35.3238, 0.3003, 0.3396
Android (android.graphics.Color)	4287735198 (0xFF91A59E)
YUV	158.2220, -0.1094, -11.5957
Hunter-Lab	59.4338, -10.1971, 4.2439

Details

The CIELCh color $66, 8.496, 171.539$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 8.743, 353.672$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 8.377, 172.874$, and $46, 8.430, 173.411$ is the 20% darker color. If you saturate the color by 10%, you get $65, 15.379, 170.528$, and if you desaturate by 10%, it is $67, 1.495, 172.664$.

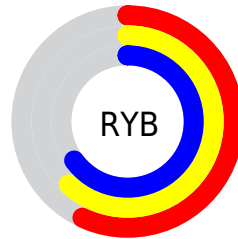
Distribution



Red (57%)

Green (65%)

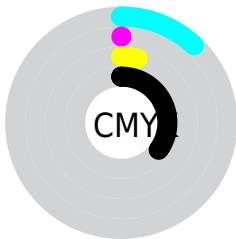
Blue (62%)



Red (57%)

Yellow (62%)

Blue (65%)

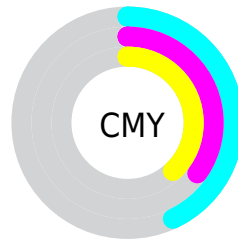


Cyan (12%)

Magenta (0%)

Yellow (4%)

Black (35%)



Cyan (43%)

Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 8.496, 171.539 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, 8.496, 171.539 by changing the saturation by 10% instead.

■ 66, 8.496, 171.539

■ 66, 8.496, 171.539

■ 100, 8.496,
171.539

■ 56, 8.496, 171.539

■ 86, 8.496, 171.539

■ 46, 8.496, 171.539

■ 96, 8.496, 171.539

■ 36, 8.496, 171.539

■ 26, 8.496, 171.539

■ 16, 8.496, 171.539

■ 6, 8.496, 171.539

■ 0, 8.496, 171.539

■ 66, 8.496, 171.539

■ 66, 8.496, 171.539

■ 65, 15.379,

■ 67, 1.495, 172.664

170.528

69, 5.545, 353.174

64, 22.043,
169.445

71, 12.558,
354.011

63, 28.380,
168.259

72, 19.494,
354.773

62, 34.277,
166.946

74, 26.317,
355.491

61, 39.624,
165.481

76, 33.001,
356.172

61, 44.336,
163.840

77, 37.797,
355.237

60, 48.363,
162.006

78, 38.973,
351.071

60, 51.713,
159.970

78, 40.362,
347.193

60, 54.032,
158.314

Harmonies

Complementary

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



66, 8.496, 171.539



62, 8.743, 353.672

Rectangle

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



66, 8.496, 171.539



66, 8.496, 221.539



66, 8.496, 351.539



66, 8.496, 41.539

Sweetspot

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



66, 8.497, 171.534



85, 3.476, 172.365



66, 12.117, 133.089



45, 2.466, 172.280



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, 8.497, 171.534



83, 12.976, 171.223



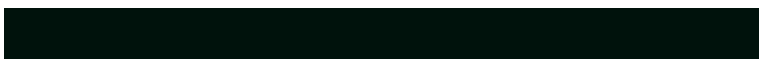
65, 6.511, 212.111



34, 3.935, 171.817



53, 49.049, 158.571



4, 6.388, 168.953

Inverse Universe

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



62, 8.743, 353.672



77, 13.449, 354.004



63, 7.038, 32.147



32, 4.023, 353.374



30, 56.291, 15.306



1, 6.048, 354.781

Previews

White Background



This preview shows how the CIELCh color 66, 8.496, 171.539 looks on a white background.

Color Contrast Check

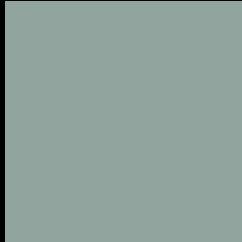
Large Text (above 18pt) WCAG AA × Fail

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, 8.496, 171.539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

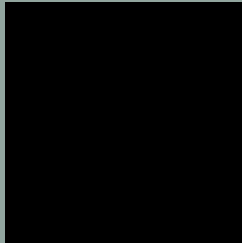
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

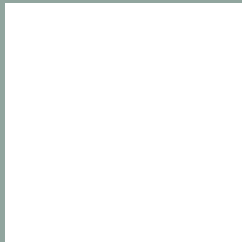
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 8.496, 171.539

Background



This preview shows how black text looks on a background with the CIELCh color 66, 8.496, 171.539.



This preview shows how white text looks on a background with the CIELCh color 66, 8.496, 171.539.

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](#).

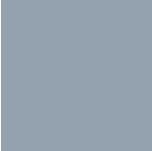
Dichromacy



Original Color
66, 8.496, 171.539

Protanopia
66, 2.922, 68.447

Deuteranopia
66, 8.598, 1.479



Tritanopia
66, 8.683, 255.475

Trichromacy



Original Color
66, 8.496, 171.539

Protanomaly
66, 3.172, 138.733

Deuteranomaly
66, 2.304, 19.413

Tritanomaly
66, 6.651, 229.105

Monochromacy



Original Color
66, 8.496, 171.539

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.888, 176.710

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 8.496, 171.539 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(145, 165, 158)` looks like.

```
.text, #text, p{  
    color:rgb(145, 165, 158)  
}
```

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(145, 165, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 165, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 8.496, 171.539 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(145, 165, 158) }
```

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

```
.border{ border-color:rgb(145, 165, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 165, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 165, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 165, 158);  
box-shadow:4px 4px 4px 4px rgb(145, 165,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 8.496, 171.539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 165, 158) }
```

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

```
.background{ background-color: rgb(145,  
165, 158) }
```

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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