

Converting Colors

CIELCh(66, 5.092, 90.472)

Have a look what the booklet for
CIELCh(66, 5.092, 90.472) contains.

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Color

CIELCh(66, 5.196, 92.135)

Conversions

Conversions Part 1

Format	Color
Hex	A4A097
RGB	164, 160, 151
RGB Percent	64%, 63%, 59%
CMY	0.3564, 0.3721, 0.4074
CMYK	0.00, 0.02, 0.08, 0.36
HSL	42°, 7%, 62%
HSV	42°, 8%, 64%
XYZ	33.5191, 35.3238, 34.3777
YIQ	160.1700, 5.2730, -1.9510

Conversions

Conversions Part 2

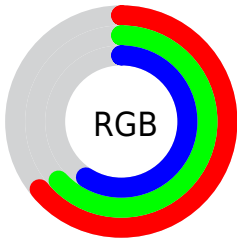
Format	Color
RYB	157, 164, 151
Decimal	10789015
CIELab	66.00, -0.19, 5.19
CIELCh	66, 5.196, 92.135
Yxy	35.3238, 0.3247, 0.3422
Android (android.graphics.Color)	4288979095 (0xFFA4A097)
YUV	160.1700, -4.5208, 3.3589
Hunter-Lab	59.4338, -3.3400, 7.3092

Details

The CIELCh color **66, 5.196, 92.135** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 5.212, 274.163**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 5.415, 93.938**, and **46, 5.466, 96.014** is the 20% darker color. If you saturate the color by 10%, you get **64, 11.873, 90.939**, and if you desaturate by 10%, it is **68, 1.360, 273.524**.

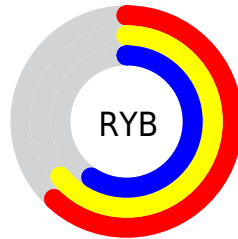
Distribution



Red (64%)

Green (63%)

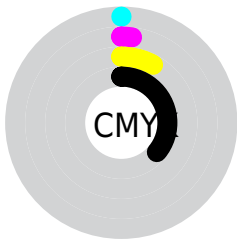
Blue (59%)



Red (62%)

Yellow (64%)

Blue (59%)

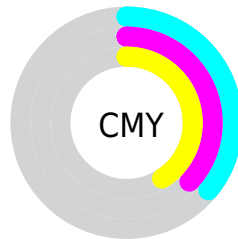


Cyan (0%)

Magenta (2%)

Yellow (8%)

Black (36%)



Cyan (36%)

Magenta (37%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 5.196, 92.135 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, 5.196, 92.135 by changing the saturation by 10% instead.

 66, 5.196, 92.135  66, 5.196, 92.135

 100, 5.196, 92.135  56, 5.196, 92.135

 86, 5.196, 92.135  46, 5.196, 92.135


 96, 5.196, 92.135  36, 5.196, 92.135

 26, 5.196, 92.135

 16, 5.196, 92.135

 6, 5.196, 92.135

 0, 5.196, 92.135

 66, 5.196, 92.135  66, 5.196, 92.135

 64, 11.873, 90.939  68, 1.360, 273.524

63, 18.657, 89.669

70, 7.799, 274.551

61, 25.520, 88.359

71, 14.123,
275.635

59, 32.403, 87.010

73, 20.339,
276.675

58, 39.188, 85.618

56, 45.659, 84.162

75, 26.454,
277.666

55, 51.449, 82.594

77, 32.475,
278.606

53, 56.001, 80.821

52, 58.928, 78.754

79, 32.857,
276.099

80, 30.648,
271.426

81, 28.668,
266.118

Harmonies

Complementary

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



66, 5.196, 92.135



64, 5.212, 274.163

Rectangle

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



66, 5.196, 92.135



66, 5.196, 142.135



66, 5.196, 272.135



66, 5.196, 322.135

Sweetspot

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



66, 5.197, 92.153



85, 1.614, 92.752



64, 5.545, 355.471



45, 0.916, 92.757



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, 5.197, 92.153



83, 8.168, 91.886



67, 7.219, 116.811



34, 3.699, 91.996



46, 54.477, 78.624



4, 5.402, 88.540

Inverse Universe

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



64, 5.212, 274.163



80, 8.187, 274.460



63, 7.348, 297.915



32, 3.709, 274.337



23, 65.656, 297.303



1, 5.912, 275.265

Previews

White Background



This preview shows how the CIELCh color 66, 5.196, 92.135 looks on a white background.

Color Contrast Check

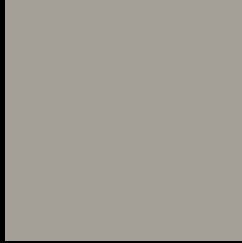
Large Text (above 18pt) WCAG AA × Fail

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, 5.196, 92.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

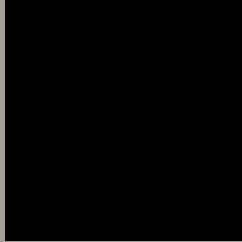
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

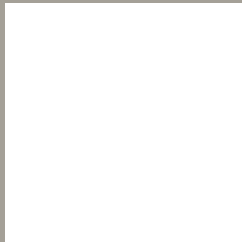
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 5.196, 92.135

Background



This preview shows how black text looks on a background with the CIELCh color 66, 5.196, 92.135.



This preview shows how white text looks on a background with the CIELCh color 66, 5.196, 92.135.

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, 5.196, 92.135

Protanopia

66, 5.325, 88.092

Deuteranopia

66, 9.644, 30.057



Tritanopia
66, 8.170, 318.185

Trichromacy



Original Color
66, 5.196, 92.135

Protanomaly
66, 5.325, 88.092

Deuteranomaly
66, 7.242, 42.239

Tritanomaly
66, 4.143, 337.753

Monochromacy



Original Color
66, 5.196, 92.135

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 1.692, 96.855

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 66, 5.196, 92.135 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(164, 160, 151)` looks like.

```
.text, #text, p{  
    color:rgb(164, 160, 151)  
}
```

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(164, 160, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 160, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 5.196, 92.135 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(164, 160, 151) }
```

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

```
.border{ border-color:rgb(164, 160, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 160, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 160, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 160, 151);  
box-shadow:4px 4px 4px 4px rgb(164, 160,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 5.196, 92.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 160, 151) }
```

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

```
.background{ background-color: rgb(164,  
160, 151) }
```

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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