

Converting Colors

CIELCh(66, 5.507, 75.156)

Have a look what the booklet for
CIELCh(66, 5.507, 75.156) contains.

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Color

CIELCh(66, 5.404, 74.215)

Conversions

Conversions Part 1

Format	Color
Hex	A79F97
RGB	167, 159, 151
RGB Percent	65%, 62%, 59%
CMY	0.3445, 0.3758, 0.4072
CMYK	0.00, 0.05, 0.10, 0.34
HSL	30°, 8%, 62%
HSV	30°, 10%, 66%
XYZ	33.9949, 35.3238, 34.3717
YIQ	160.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

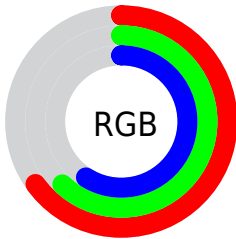
Format	Color
R _Y B	167, 167, 151
Decimal	10985367
CIE Lab	66.00, 1.47, 5.20
CIE LCh	66, 5.404, 74.215
Yxy	35.3238, 0.3278, 0.3407
Android (android.graphics.Color)	4289175447 (0xFFA79F97)
YUV	160.4800, -4.6736, 5.7180
Hunter-Lab	59.4338, -1.9110, 7.3151

Details

The CIELCh color **66, 5.404, 74.215** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 5.288, 256.723**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 5.536, 77.518**, and **46, 5.584, 77.351** is the 20% darker color. If you saturate the color by 10%, you get **63, 11.309, 73.049**, and if you desaturate by 10%, it is **69, 0.242, 256.821**.

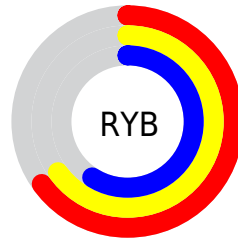
Distribution



Red (65%)

Green (62%)

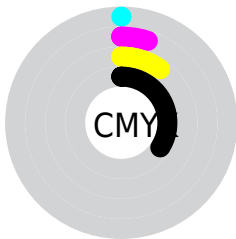
Blue (59%)



Red (65%)

Yellow (65%)

Blue (59%)

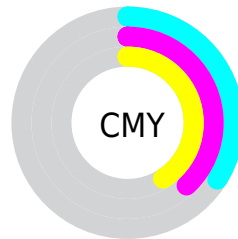


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (34%)



Cyan (34%)

Magenta (38%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 5.404, 74.215 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, 5.404, 74.215 by changing the saturation by 10% instead.

 66, 5.404, 74.215  66, 5.404, 74.215

 100, 5.404, 74.215  56, 5.404, 74.215

 86, 5.404, 74.215  46, 5.404, 74.215


 96, 5.404, 74.215  36, 5.404, 74.215

 26, 5.404, 74.215

 16, 5.404, 74.215

 6, 5.404, 74.215

 0, 5.404, 74.215

 66, 5.404, 74.215  66, 5.404, 74.215

 63, 11.309, 73.049  69, 0.242, 256.821

61, 17.491, 71.824

71, 5.654, 256.715

58, 23.957, 70.584

74, 10.855,
257.819

56, 30.691, 69.331

77, 15.869,
258.901

53, 37.631, 68.053

51, 44.621, 66.708

80, 20.717,
259.946

49, 51.335, 65.193

82, 25.417,
260.948

47, 57.173, 63.298

45, 61.823, 60.994

85, 24.603,
252.221

87, 23.284,
239.468

89, 23.164,
226.075

Harmonies

Complementary

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



66, 5.404, 74.215



65, 5.288, 256.723

Rectangle

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



66, 5.404, 74.215



66, 5.404, 124.215



66, 5.404, 254.215



66, 5.404, 304.215

Sweetspot

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



66, 5.405, 74.236



86, 2.057, 74.889



64, 7.624, 344.391



46, 1.576, 74.834



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, 5.405, 74.236



83, 7.701, 74.048



68, 8.766, 109.268



34, 3.210, 74.269



40, 56.589, 61.324



3, 5.524, 67.533

Inverse Universe

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



65, 5.288, 256.723



82, 7.499, 256.942



63, 8.961, 291.153



34, 3.143, 256.686



32, 47.305, 283.226



2, 6.104, 262.589

Previews

White Background



This preview shows how the CIELCh color 66, 5.404, 74.215 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, 5.404, 74.215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

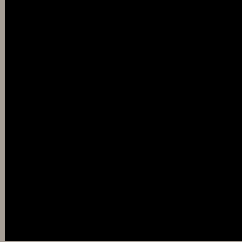
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

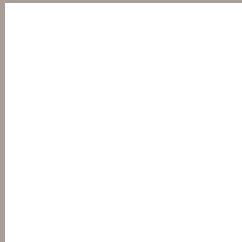
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 5.404, 74.215

Background



This preview shows how black text looks on a background with the CIELCh color 66, 5.404, 74.215.

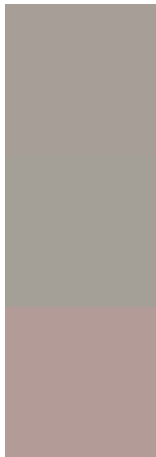


This preview shows how white text looks on a background with the CIELCh color 66, 5.404, 74.215.

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, 5.404, 74.215

Protanopia

66, 5.325, 88.092

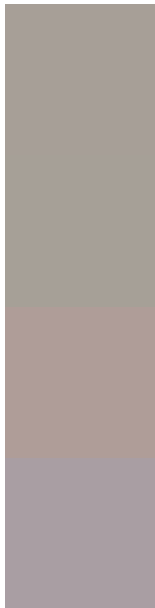
Deuteranopia

66, 9.644, 30.057



Tritanopia
66, 8.303, 326.982

Trichromacy



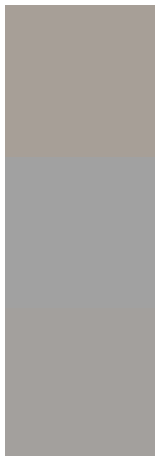
Original Color
66, 5.404, 74.215

Protanomaly
66, 5.480, 84.252

Deuteranomaly
66, 7.615, 41.118

Tritanomaly
66, 5.055, 346.651

Monochromacy



Original Color
66, 5.404, 74.215

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 2.005, 74.827

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 5.404, 74.215 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(167, 159, 151)` looks like.

```
.text, #text, p{  
    color:rgb(167, 159, 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(167, 159, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 159, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 5.404, 74.215 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(167, 159, 151) }
```

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

```
.border{ border-color:rgb(167, 159, 151) }
```

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

Here you see how a box with a 4 pixel rgb(167, 159, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 159, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 159, 151);  
box-shadow:4px 4px 4px 4px rgb(167, 159,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 5.404, 74.215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 159, 151) }
```

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

```
.background{ background-color: rgb(167,  
159, 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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