

Converting Colors

CIELCh(66, 3.085, 70.962)

Have a look what the booklet for
CIELCh(66, 3.085, 70.962) contains.

CIELCh(66, 3.356, 74.604)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 3.356, 74.604)

Conversions

Conversions Part 1

Format	Color
Hex	A5A09B
RGB	165, 160, 155
RGB Percent	65%, 63%, 61%
CMY	0.3544, 0.3740, 0.3936
CMYK	0.00, 0.03, 0.06, 0.35
HSL	30°, 5%, 63%
HSV	30°, 6%, 65%
XYZ	33.8288, 35.3238, 35.8809
YIQ	160.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

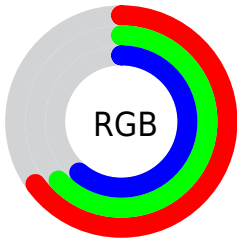
Format	Color
RYB	165, 165, 155
Decimal	10854555
CIELab	66.00, 0.89, 3.24
CIELCh	66, 3.356, 74.604
Yxy	35.3238, 0.3221, 0.3363
Android (android.graphics.Color)	4289044635 (0xFFA5A09B)
YUV	160.9250, -2.9210, 3.5738
Hunter-Lab	59.4338, -2.4099, 5.8096

Details

The CIELCh color $66, 3.356, 74.604$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 3.319, 256.300$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 3.612, 79.454$, and $46, 3.385, 80.176$ is the 20% darker color. If you saturate the color by 10%, you get $63, 9.096, 73.486$, and if you desaturate by 10%, it is $69, 2.136, 256.065$.

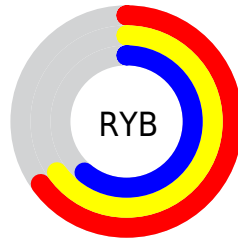
Distribution



Red (65%)

Green (63%)

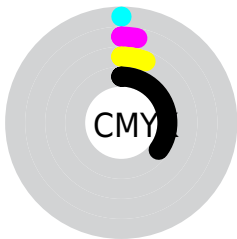
Blue (61%)



Red (65%)

Yellow (65%)

Blue (61%)

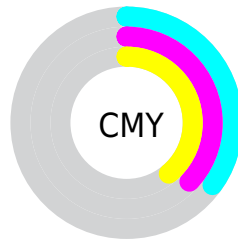


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (35%)



Cyan (35%)

Magenta (37%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 3.356, 74.604 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, 3.356, 74.604 by changing the saturation by 10% instead.

66, 3.356, 74.604

66, 3.356, 74.604

100, 3.356, 74.604

56, 3.356, 74.604

86, 3.356, 74.604

46, 3.356, 74.604

96, 3.356, 74.604

36, 3.356, 74.604

26, 3.356, 74.604

16, 3.356, 74.604

6, 3.356, 74.604

0, 3.356, 74.604

66, 3.356, 74.604

66, 3.356, 74.604

63, 9.096, 73.486

69, 2.136, 256.065

61, 15.103, 72.272

71, 7.406, 257.113

58, 21.390, 71.038

74, 12.477,
258.212

56, 27.951, 69.791

77, 17.370,
259.281

53, 34.743, 68.526

51, 41.654, 67.213

79, 22.106,
260.310

49, 48.435, 65.778

82, 26.703,
261.296

47, 54.599, 64.055

45, 59.450, 61.791

84, 25.128,
251.526

87, 23.864,
239.222

89, 23.736,
226.345

Harmonies

Complementary

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



66, 3.356, 74.604



65, 3.319, 256.300

Rectangle

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



66, 3.356, 74.604



66, 3.356, 124.604



66, 3.356, 254.604



66, 3.356, 304.604

Sweetspot

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



66, 3.357, 74.637



85, 1.353, 74.927



65, 4.755, 344.068



45, 0.767, 74.923



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, 3.357, 74.637



83, 4.807, 74.524



67, 5.491, 109.598



34, 2.492, 74.494



39, 55.857, 61.396



3, 4.648, 70.180

Inverse Universe

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



65, 3.319, 256.300



83, 4.738, 256.425



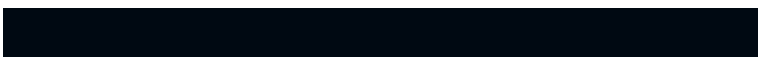
64, 5.577, 290.784



33, 2.454, 256.459



31, 46.649, 283.163



2, 4.975, 260.374

Previews

White Background



This preview shows how the CIELCh color 66, 3.356, 74.604 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, 3.356, 74.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

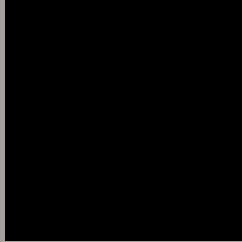
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

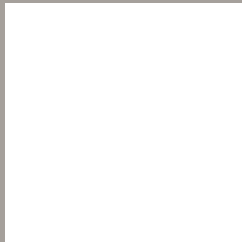
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 3.356, 74.604

Background



This preview shows how black text looks on a background with the CIELCh color 66, 3.356, 74.604.



This preview shows how white text looks on a background with the CIELCh color 66, 3.356, 74.604.

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, 3.356, 74.604

Protanopia

66, 3.356, 74.604

Deuteranopia

66, 9.024, 16.711



Tritanopia
66, 8.170, 318.185

Trichromacy



Original Color
66, 3.356, 74.604

Protanomaly
66, 3.356, 74.604

Deuteranomaly
66, 6.261, 24.944

Tritanomaly
66, 4.533, 332.582

Monochromacy



Original Color
66, 3.356, 74.604

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 1.158, 90.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 3.356, 74.604 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(165, 160, 155)` looks like.

```
.text, #text, p{  
    color:rgb(165, 160, 155)  
}
```

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(165, 160, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 160, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 3.356, 74.604 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(165, 160, 155) }
```

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

```
.border{ border-color:rgb(165, 160, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 160, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 160, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 160, 155);  
box-shadow:4px 4px 4px 4px rgb(165, 160,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 3.356, 74.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 160, 155) }
```

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

```
.background{ background-color: rgb(165,  
160, 155) }
```

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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