

Converting Colors

CIELCh(66, 5.595, 57.434)

Have a look what the booklet for
CIELCh(66, 5.595, 57.434) contains.

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Color

CIELCh(66, 5.748, 54.805)

Conversions

Conversions Part 1

Format	Color
Hex	AA9E98
RGB	170, 158, 152
RGB Percent	67%, 62%, 60%
CMY	0.3329, 0.3799, 0.4035
CMYK	0.00, 0.07, 0.11, 0.33
HSL	20°, 10%, 63%
HSV	20°, 11%, 67%
XYZ	34.5272, 35.3238, 34.7540
YIQ	160.9040, 9.0780, 0.6780

Conversions

Conversions Part 2

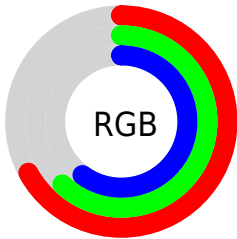
Format	Color
RYB	170, 161, 152
Decimal	11181720
CIELab	66.00, 3.31, 4.70
CIELCh	66, 5.748, 54.805
Yxy	35.3238, 0.3301, 0.3377
Android (android.graphics.Color)	4289371800 (0xFFAA9E98)
YUV	160.9040, -4.3897, 7.9772
Hunter-Lab	59.4338, -0.3123, 6.9338

Details

The CIELCh color $66, 5.748, 54.805$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 5.457, 236.734$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 5.732, 59.176$, and $46, 5.871, 56.901$ is the 20% darker color. If you saturate the color by 10%, you get $63, 11.586, 54.129$, and if you desaturate by 10%, it is $69, 0.302, 54.245$.

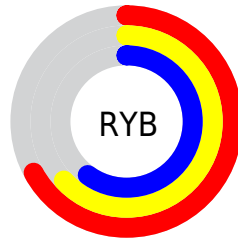
Distribution



Red (67%)

Green (62%)

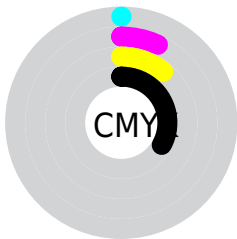
Blue (60%)



Red (67%)

Yellow (63%)

Blue (60%)

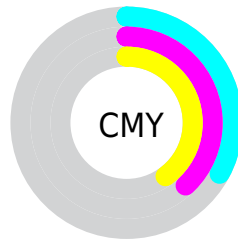


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (33%)



Cyan (33%)

Magenta (38%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 5.748, 54.805 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, 5.748, 54.805 by changing the saturation by 10% instead.

 66, 5.748, 54.805  66, 5.748, 54.805

 100, 5.748, 54.805  56, 5.748, 54.805

 86, 5.748, 54.805  46, 5.748, 54.805


 96, 5.748, 54.805  36, 5.748, 54.805

 26, 5.748, 54.805

 16, 5.748, 54.805

 6, 5.748, 54.805

 0, 5.748, 54.805

 66, 5.748, 54.805  66, 5.748, 54.805

 63, 11.586, 54.129  69, 0.302, 54.245

59, 17.853, 53.464

73, 4.793, 236.564

56, 24.578, 52.867

76, 9.576, 237.329

53, 31.767, 52.356

80, 14.086,
238.124

50, 39.386, 51.930

84, 18.354,
238.920

47, 47.311, 51.557

45, 55.237, 51.122

87, 22.412,
239.704

42, 62.505, 50.342

90, 22.683,
222.005

40, 68.403, 49.357

93, 24.845,
205.325

95, 26.721,
197.770

Harmonies

Complementary

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



66, 5.748, 54.805



67, 5.457, 236.734

Rectangle

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



66, 5.748, 54.805



66, 5.748, 104.805



66, 5.748, 234.805



66, 5.748, 284.805

Sweetspot

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



66, 5.748, 54.826



87, 1.967, 55.214



65, 9.608, 336.371



46, 1.508, 55.208



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66, 5.748, 54.826



83, 8.846, 54.642



68, 8.292, 101.171



34, 3.033, 54.914



35, 61.459, 49.771



3, 5.398, 49.947

Inverse Universe

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



67, 5.457, 236.734



84, 8.277, 236.989



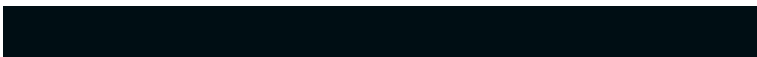
64, 8.415, 283.571



34, 2.900, 236.617



40, 34.177, 261.110



3, 5.478, 245.169

Previews

White Background



This preview shows how the CIELCh color 66, 5.748, 54.805 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, 5.748, 54.805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

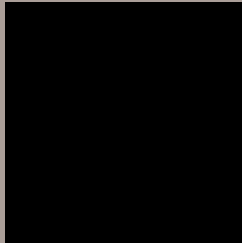
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 5.748, 54.805

Background



This preview shows how black text looks on a background with the CIELCh color 66, 5.748, 54.805.



This preview shows how white text looks on a background with the CIELCh color 66, 5.748, 54.805.

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, 5.748, 54.805

Protanopia

66, 4.311, 82.912

Deuteranopia

66, 9.540, 26.837



Tritanopia
66, 9.035, 332.903

Trichromacy



Original Color
66, 5.748, 54.805

Protanomaly
66, 4.537, 66.333

Deuteranomaly
66, 8.047, 31.883

Tritanomaly
66, 6.062, 352.803

Monochromacy



Original Color
66, 5.748, 54.805

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 1.881, 55.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 5.748, 54.805 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(170, 158, 152)` looks like.

```
.text, #text, p{  
    color:rgb(170, 158, 152)  
}
```

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(170, 158, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 158, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 5.748, 54.805 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(170, 158, 152) }
```

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

```
.border{ border-color:rgb(170, 158, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 158, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 158, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 158, 152); box-shadow:4px 4px 4px 4px rgb(170, 158, 152) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 5.748, 54.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 158, 152) }
```

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

```
.background{ background-color: rgb(170,  
158, 152) }
```

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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