

Converting Colors

CIELCh(66, 8.689, 32.596)

Have a look what the booklet for
CIELCh(66, 8.689, 32.596) contains.

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Color

CIELCh(66, 8.587, 34.920)

Conversions

Conversions Part 1

Format	Color
Hex	B19C98
RGB	177, 156, 152
RGB Percent	69%, 61%, 60%
CMY	0.3064, 0.3888, 0.4045
CMYK	0.00, 0.12, 0.14, 0.31
HSL	10°, 14%, 64%
HSV	10°, 14%, 69%
XYZ	35.6209, 35.3238, 34.5878
YIQ	161.8230, 13.8000, 3.2080

Conversions

Conversions Part 2

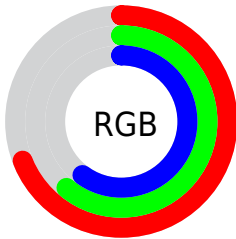
Format	Color
RYB	177, 157, 152
Decimal	11639960
CIELab	66.00, 7.04, 4.92
CIElCh	66, 8.587, 34.920
Yxy	35.3238, 0.3375, 0.3347
Android (android.graphics.Color)	4289830040 (0xFFB19C98)
YUV	161.8230, -4.8427, 13.3102
Hunter-Lab	59.4338, 2.9725, 7.0996

Details

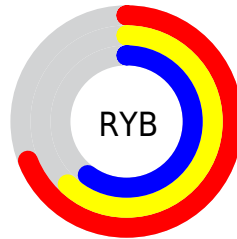
The CIELCh color $66, 8.587, 34.920$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 7.836, 215.195$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 8.799, 33.653$, and $46, 8.486, 36.413$ is the 20% darker color. If you saturate the color by 10%, you get $62, 15.281, 35.127$, and if you desaturate by 10%, it is $70, 2.410, 34.743$.

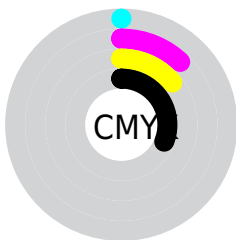
Distribution



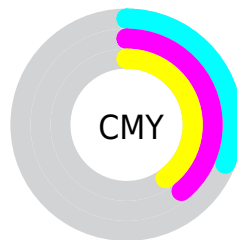
- Red (69%)
- Green (61%)
- Blue (60%)



- Red (69%)
- Yellow (62%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (14%)
- Black (31%)




- Cyan (31%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 8.587, 34.920 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, 8.587, 34.920 by changing the saturation by 10% instead.

 66, 8.587, 34.920  66, 8.587, 34.920

 100, 8.587, 34.920  56, 8.587, 34.920

 86, 8.587, 34.920  46, 8.587, 34.920


 96, 8.587, 34.920  36, 8.587, 34.920


 26, 8.587, 34.920

 16, 8.587, 34.920

 6, 8.587, 34.920

 0, 8.587, 34.920

 66, 8.587, 34.920  66, 8.587, 34.920

 62, 15.281, 35.127  70, 2.410, 34.743

58, 22.525, 35.470

75, 3.292, 215.159

54, 30.329, 36.017

79, 8.567, 215.190

50, 38.661, 36.816

84, 13.465,
215.346

47, 47.425, 37.900

88, 18.029,
215.551

44, 56.406, 39.248

41, 65.153, 40.697

93, 22.078,
211.759

39, 72.669, 41.760

95, 24.870,
197.884

38, 76.517, 42.464

Harmonies

Complementary

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



66, 8.587, 34.920



69, 7.836, 215.195

Rectangle

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



66, 8.587, 34.920



66, 8.587, 84.920



66, 8.587, 214.920



66, 8.587, 264.920

Sweetspot

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



66, 8.586, 34.934



89, 2.882, 34.739



66, 15.116, 329.662



47, 2.052, 34.772



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



66, 8.586, 34.934



82, 12.932, 34.982



69, 9.519, 87.990



35, 3.399, 34.868



33, 68.307, 42.509



3, 8.169, 31.031

Inverse Universe

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



69, 7.836, 215.195



87, 11.544, 215.256



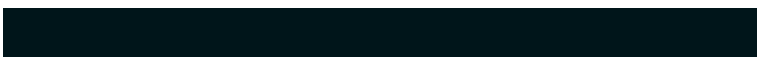
66, 9.472, 271.696



37, 3.205, 215.142



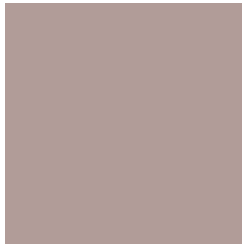
49, 29.740, 226.354



6, 7.627, 222.889

Previews

White Background



This preview shows how the CIELCh color 66, 8.587, 34.920 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, 8.587, 34.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

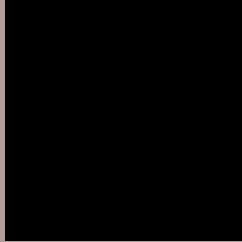
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 8.587, 34.920

Background



This preview shows how black text looks on a background with the CIELCh color 66, 8.587, 34.920.



This preview shows how white text looks on a background with the CIELCh color 66, 8.587, 34.920.

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, 8.587, 34.920

Protanopia

66, 3.824, 79.284

Deuteranopia

66, 9.644, 30.057



Tritanopia
66, 11.666, 345.912

Trichromacy



Original Color
66, 8.587, 34.920

Protanomaly
66, 5.101, 52.369

Deuteranomaly
66, 9.246, 30.451

Tritanomaly
66, 9.507, 359.930

Monochromacy



Original Color
66, 8.587, 34.920

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 2.906, 41.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 8.587, 34.920 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(177, 156, 152)` looks like.

```
.text, #text, p{  
    color:rgb(177, 156, 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(177, 156, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 156, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 8.587, 34.920 is called "border". The border property can be set on classes, ids or directly on the HTML element.

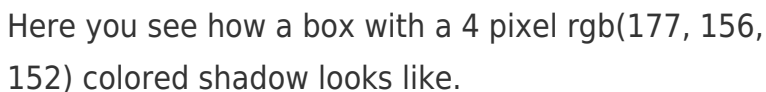
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 156, 152) }
```

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

```
.border{ border-color:rgb(177, 156, 152) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 156, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 156, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 156, 152); box-shadow:4px 4px 4px 4px rgb(177, 156, 152) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 8.587, 34.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 156, 152) }
```

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

```
.background{ background-color: rgb(177,  
156, 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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