

Converting Colors

CIELCh(60, 19.816, 35.940)

Have a look what the booklet for
CIELCh(60, 19.816, 35.940) contains.

CIELCh(60, 19.692, 35.939)	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(60, 19.692, 35.939)

Conversions

Conversions Part 1

Format	Color
Hex	B3867D
RGB	179, 134, 125
RGB Percent	70%, 53%, 49%
CMY	0.2980, 0.4744, 0.5097
CMYK	0.00, 0.25, 0.30, 0.30
HSL	10°, 26%, 60%
HSV	10°, 30%, 70%
XYZ	30.8263, 28.1233, 23.2124
YIQ	146.4290, 29.7090, 6.7410

Conversions

Conversions Part 2

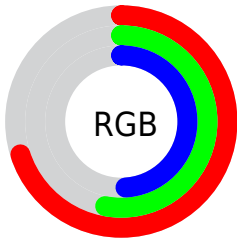
Format	Color
R_{YB}	179, 136, 125
Decimal	11765373
CIE Lab	60.00, 15.94, 11.56
CIE LCh	60, 19.692, 35.939
Yxy	28.1233, 0.3752, 0.3423
Android (android.graphics.Color)	4289955453 (0xFFB3867D)
YUV	146.4290, -10.5645, 28.5648
Hunter-Lab	53.0314, 10.9540, 11.1701

Details

The CIELCh color **60, 19.692, 35.939** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **67, 15.959, 216.529**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 19.817, 34.665**, and **40, 19.753, 35.941** is the 20% darker color. If you saturate the color by 10%, you get **56, 27.318, 36.365**, and if you desaturate by 10%, it is **64, 12.628, 35.705**.

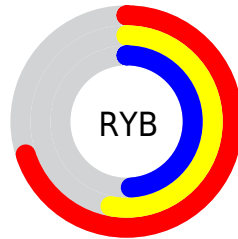
Distribution



Red (70%)

Green (53%)

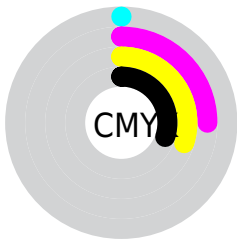
Blue (49%)



Red (70%)

Yellow (53%)

Blue (49%)

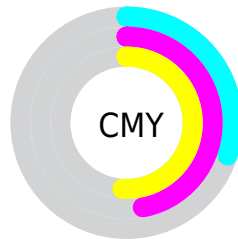


Cyan (0%)

Magenta (25%)

Yellow (30%)

Black (30%)



Cyan (30%)

Magenta (47%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 19.692, 35.939 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 60, 19.692, 35.939 by changing the saturation by 10% instead.

60, 19.692, 35.939

60, 19.692, 35.939

100, 19.692,
35.939

50, 19.692, 35.939

80, 19.692, 35.939

40, 19.692, 35.939

90, 19.692, 35.939

30, 19.692, 35.939

20, 19.692, 35.939

10, 19.692, 35.939

0, 19.692, 35.939

60, 19.692, 35.939

60, 19.692, 35.939

56, 27.318, 36.365

64, 12.628, 35.705

52, 35.499, 37.013

68, 6.108, 35.582

49, 44.169, 37.928

73, 0.094, 30.293

45, 53.171, 39.115

77, 5.464, 215.901

43, 62.168, 40.483

82, 10.613,
216.031

40, 70.418, 41.698

86, 15.401,
216.234

39, 77.045, 42.613

91, 19.871,
216.476

95, 23.723,
200.004

95, 24.263,
197.921

Harmonies

Complementary

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



60, 19.692, 35.939



67, 15.959, 216.529

Rectangle

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



60, 19.692, 35.939



60, 19.692, 85.939



60, 19.692, 215.939



60, 19.692, 265.939

Sweetspot

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



60, 19.691, 35.946



87, 6.651, 35.571



59, 32.263, 331.238



46, 4.687, 35.586



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



60, 19.691, 35.946



73, 29.800, 36.192



67, 21.196, 87.287



35, 3.384, 35.573



33, 68.150, 42.697



3, 8.136, 31.567

Inverse Universe

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



67, 15.959, 216.529



83, 22.918, 216.897



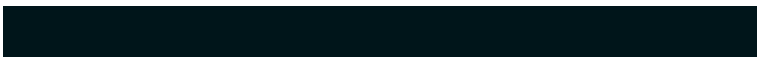
59, 21.057, 275.728



37, 3.191, 215.904



49, 29.735, 227.770



6, 7.601, 223.944

Previews

White Background



This preview shows how the CIELCh color 60, 19.692, 35.939 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 19.692, 35.939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

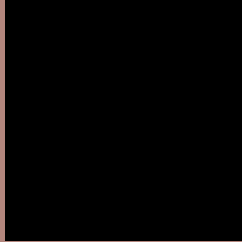
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 19.692, 35.939

Background



This preview shows how black text looks on a background with the CIELCh color 60, 19.692, 35.939.



This preview shows how white text looks on a background with the CIELCh color 60, 19.692, 35.939.

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

60, 19.692, 35.939

Protanopia

60, 8.361, 89.409

Deuteranopia

60, 14.179, 56.502



Tritanopia
60, 20.437, 5.832

Trichromacy



Original Color
60, 19.692, 35.939

Protanomaly
60, 11.019, 57.636

Deuteranomaly
60, 16.140, 47.326

Tritanomaly
60, 19.269, 16.487

Monochromacy



Original Color
60, 19.692, 35.939

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 6.795, 39.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 19.692, 35.939 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(179, 134, 125)` looks like.

```
.text, #text, p{  
    color:rgb(179, 134, 125)  
}
```

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(179, 134, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 134, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 19.692, 35.939 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(179, 134, 125) }
```

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

```
.border{ border-color:rgb(179, 134, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 134, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 134, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 134, 125);  
box-shadow:4px 4px 4px 4px rgb(179, 134,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 19.692, 35.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 134, 125) }
```

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

```
.background{ background-color: rgb(179,  
134, 125) }
```

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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