

Converting Colors

CIELCh(60, 19.335, 58.198)

Have a look what the booklet for
CIELCh(60, 19.335, 58.198) contains.

CIELCh(60, 19.262, 57.918)	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, 19.262, 57.918)

Conversions

Conversions Part 1

Format	Color
Hex	AC8974
RGB	172, 137, 116
RGB Percent	67%, 54%, 45%
CMY	0.3235, 0.4609, 0.5433
CMYK	0.00, 0.20, 0.32, 0.32
HSL	23°, 25%, 57%
HSV	23°, 32%, 68%
XYZ	29.3138, 28.1233, 20.5456
YIQ	145.0710, 27.6010, 0.8890

Conversions

Conversions Part 2

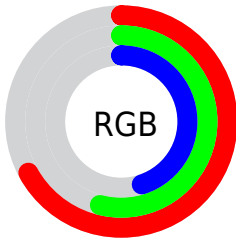
Format	Color
R_{YB}	172, 150, 116
Decimal	11307380
CIE _{Lab}	60.00, 10.23, 16.32
CIE _{LCh}	60, 19.262, 57.918
Yxy	28.1233, 0.3759, 0.3606
Android (android.graphics.Color)	4289497460 (0xFFAC8974)
YUV	145.0710, -14.3320, 23.6167
Hunter-Lab	53.0314, 5.8632, 14.1517

Details

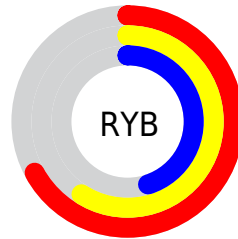
The CIELCh color $60, 19.262, 57.918$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $61, 16.417, 245.126$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 19.197, 57.457$, and $40, 19.340, 56.943$ is the 20% darker color. If you saturate the color by 10%, you get $57, 26.063, 57.125$, and if you desaturate by 10%, it is $63, 12.889, 58.772$.

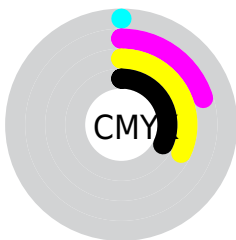
Distribution



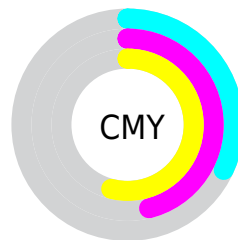
- Red (67%)
- Green (54%)
- Blue (45%)



- Red (67%)
- Yellow (59%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (32%)
- Black (32%)



- Cyan (32%)
- Magenta (46%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 19.262, 57.918 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, 19.262, 57.918 by changing the saturation by 10% instead.

60, 19.262, 57.918

60, 19.262, 57.918

100, 19.262,
57.918

50, 19.262, 57.918

80, 19.262, 57.918

40, 19.262, 57.918

90, 19.262, 57.918

30, 19.262, 57.918

20, 19.262, 57.918

10, 19.262, 57.918

0, 19.262, 57.918

60, 19.262, 57.918

60, 19.262, 57.918

57, 26.063, 57.125

63, 12.889, 58.772

54, 33.292, 56.382

66, 6.924, 59.641

51, 40.894, 55.686

70, 1.332, 60.312

48, 48.710, 54.986

73, 3.923, 241.660

46, 56.372, 54.143

76, 8.880, 242.534

44, 63.128, 52.842

80, 13.574,
243.441

42, 67.573, 51.734

83, 18.037,
244.339

87, 22.297,
245.219

89, 21.871,
227.716

Harmonies

Complementary

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



60, 19.262, 57.918



61, 16.417, 245.126

Rectangle

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



60, 19.262, 57.918



60, 19.262, 107.918



60, 19.262, 237.918



60, 19.262, 287.918

Sweetspot

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



60, 19.262, 57.925



85, 6.816, 59.838



56, 29.391, 339.658



45, 4.665, 59.723



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



60, 19.262, 57.925



74, 29.351, 57.344



67, 26.650, 100.611



35, 3.120, 59.911



37, 60.876, 52.160



3, 6.392, 52.281

Inverse Universe

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



61, 16.417, 245.126



75, 24.004, 246.508



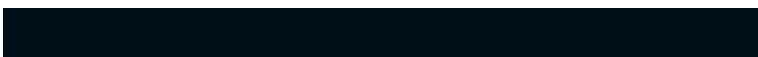
53, 28.139, 288.521



35, 2.999, 241.883



38, 37.380, 267.850



3, 6.707, 252.172

Previews

White Background



This preview shows how the CIELCh color 60, 19.262, 57.918 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, 19.262, 57.918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

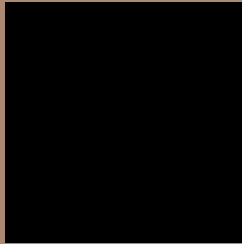
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 19.262, 57.918

Background



This preview shows how black text looks on a background with the CIELCh color 60, 19.262, 57.918.



This preview shows how white text looks on a background with the CIELCh color 60, 19.262, 57.918.

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, 19.262, 57.918

Protanopia

60, 13.992, 93.091

Deuteranopia

60, 18.353, 64.529



Tritanopia
60, 17.271, 2.390

Trichromacy



Original Color
60, 19.262, 57.918

Protanomaly
60, 15.032, 78.469

Deuteranomaly
60, 18.609, 61.572

Tritanomaly
60, 16.006, 23.024

Monochromacy



Original Color
60, 19.262, 57.918

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 6.903, 60.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 19.262, 57.918 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(172, 137, 116)` looks like.

```
.text, #text, p{  
    color:rgb(172, 137, 116)  
}
```

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(172, 137, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 137, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 19.262, 57.918 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(172, 137, 116) }
```

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

```
.border{ border-color:rgb(172, 137, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 137, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 137, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 137, 116);  
box-shadow:4px 4px 4px 4px rgb(172, 137,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 19.262, 57.918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 137, 116) }
```

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

```
.background{ background-color: rgb(172,  
137, 116) }
```

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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