

Converting Colors

CIELCh(60, 14.639, 20.897)

Have a look what the booklet for
CIELCh(60, 14.639, 20.897) contains.

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Color

CIELCh(60, 14.667, 20.892)

Conversions

Conversions Part 1

Format	Color
Hex	AC8888
RGB	172, 136, 136
RGB Percent	67%, 53%, 53%
CMY	0.3258, 0.4670, 0.4670
CMYK	0.00, 0.21, 0.21, 0.33
HSL	0°, 18%, 60%
HSV	0°, 21%, 67%
XYZ	30.2270, 28.1233, 27.0991
YIQ	146.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

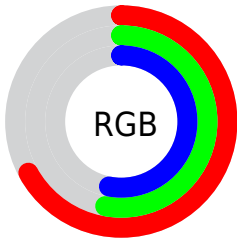
Format	Color
R_{YB}	172, 136, 136
Decimal	11307144
CIE _{Lab}	60.00, 13.70, 5.23
CIE _{LCh}	60, 14.667, 20.892
Yxy	28.1233, 0.3537, 0.3291
Android (android.graphics.Color)	4289497224 (0xFFAC8888)
YUV	146.7640, -5.3067, 22.1320
Hunter-Lab	53.0314, 8.9369, 6.8248

Details

The CIELCh color $60, 14.667, 20.892$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $68, 12.802, 198.372$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 14.873, 20.572$, and $40, 14.703, 21.495$ is the 20% darker color. If you saturate the color by 10%, you get $55, 22.498, 21.976$, and if you desaturate by 10%, it is $65, 7.370, 20.044$.

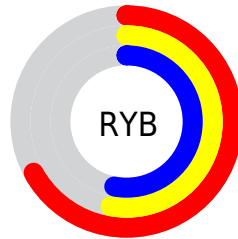
Distribution



Red (67%)

Green (53%)

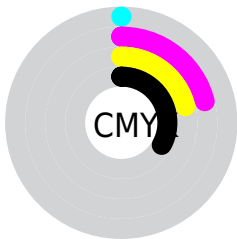
Blue (53%)



Red (67%)

Yellow (53%)

Blue (53%)

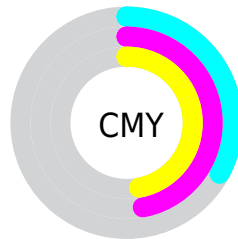


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (33%)



Cyan (33%)

Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 14.667, 20.892 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, 14.667, 20.892 by changing the saturation by 10% instead.

60, 14.667, 20.892

60, 14.667, 20.892

100, 14.667,
20.892

50, 14.667, 20.892

80, 14.667, 20.892

40, 14.667, 20.892

90, 14.667, 20.892

30, 14.667, 20.892

20, 14.667, 20.892

10, 14.667, 20.892

0, 14.667, 20.892

60, 14.667, 20.892

60, 14.667, 20.892

55, 22.498, 21.976

65, 7.370, 20.044

51, 30.823, 23.372

70, 0.608, 18.660

■ 47, 39.531, 25.187

■ 75, 5.650, 199.055

■ 43, 48.429, 27.528

■ 80, 11.448,
198.612

■ 40, 57.238, 30.459

■ 85, 16.836,
198.277

■ 38, 65.568, 33.889

■ 36, 72.691, 37.318

■ 90, 21.861,
198.010

■ 36, 77.720, 39.913

■ 95, 26.233,
197.800

Harmonies

Complementary

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



60, 14.667, 20.892



68, 12.802, 198.372

Rectangle

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



60, 14.667, 20.892



60, 14.667, 70.892



60, 14.667, 200.892



60, 14.667, 250.892

Sweetspot

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



60, 14.665, 20.899



86, 4.928, 19.660



61, 24.304, 325.561



45, 3.273, 19.712



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, 14.665, 20.899



74, 22.125, 21.352



65, 12.416, 72.858



34, 3.817, 19.916



31, 69.981, 39.448



2, 7.801, 19.411

Inverse Universe

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



68, 12.802, 198.372



86, 18.700, 198.158



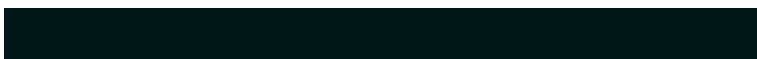
63, 11.757, 258.408



36, 3.603, 198.996



56, 33.804, 196.399



6, 7.800, 199.432

Previews

White Background



This preview shows how the CIELCh color 60, 14.667, 20.892 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 CIELCh color 60, 14.667, 20.892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

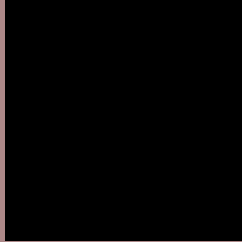
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 14.667, 20.892

Background



This preview shows how black text looks on a background with the CIELCh color 60, 14.667, 20.892.



This preview shows how white text looks on a background with the CIELCh color 60, 14.667, 20.892.

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, 14.667, 20.892

Protanopia

60, 2.734, 74.676

Deuteranopia

60, 9.365, 37.587



Tritanopia
60, 16.104, 0.805

Trichromacy



Original Color
60, 14.667, 20.892

Protanomaly
60, 6.487, 29.919

Deuteranomaly
60, 11.229, 31.913

Tritanomaly
60, 15.715, 6.662

Monochromacy



Original Color
60, 14.667, 20.892

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 5.134, 19.828

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 14.667, 20.892 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, 136, 136)` looks like.

```
.text, #text, p{  
    color:rgb(172, 136, 136)  
}
```

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, 136, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 136, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 14.667, 20.892 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, 136, 136) }
```

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

```
.border{ border-color:rgb(172, 136, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 136, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 136, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 136, 136);  
box-shadow:4px 4px 4px 4px rgb(172, 136,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 14.667, 20.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 136, 136) }
```

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

```
.background{ background-color: rgb(172,  
136, 136) }
```

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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