

Converting Colors

CIELCh(60, 20.184, 61.572)

Have a look what the booklet for
CIELCh(60, 20.184, 61.572) contains.

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Color

CIELCh(60, 20.087, 62.079)

Conversions

Conversions Part 1

Format	Color
Hex	AC8A72
RGB	172, 138, 114
RGB Percent	67%, 54%, 45%
CMY	0.3259, 0.4592, 0.5533
CMYK	0.00, 0.20, 0.34, 0.33
HSL	25°, 26%, 56%
HSV	25°, 34%, 67%
XYZ	29.0996, 28.1233, 19.7877
YIQ	145.4300, 27.9680, -0.2560

Conversions

Conversions Part 2

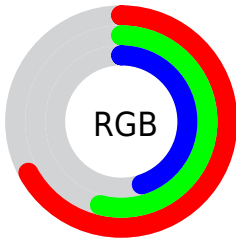
Format	Color
R_{YB}	172, 155, 114
Decimal	11307634
CIE Lab	60.00, 9.41, 17.75
CIE LCh	60, 20.087, 62.079
Yxy	28.1233, 0.3779, 0.3652
Android (android.graphics.Color)	4289497714 (0xFFAC8A72)
YUV	145.4300, -15.4950, 23.3019
Hunter-Lab	53.0314, 5.1422, 14.9990

Details

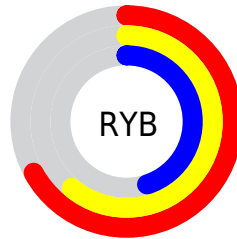
The CIELCh color $60, 20.087, 62.079$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $60, 17.384, 250.456$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 19.958, 61.496$, and $40, 19.842, 62.195$ is the 20% darker color. If you saturate the color by 10%, you get $57, 26.860, 61.115$, and if you desaturate by 10%, it is $63, 13.702, 63.084$.

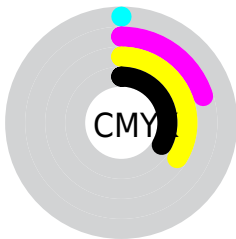
Distribution



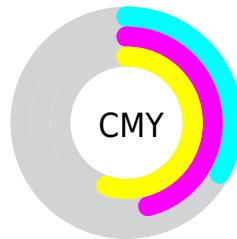
- Red (67%)
- Green (54%)
- Blue (45%)



- Red (67%)
- Yellow (61%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (34%)
- Black (33%)



- Cyan (33%)
- Magenta (46%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 20.087, 62.079 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, 20.087, 62.079 by changing the saturation by 10% instead.

60, 20.087, 62.079

60, 20.087, 62.079

100, 20.087,
62.079

50, 20.087, 62.079

80, 20.087, 62.079

40, 20.087, 62.079

90, 20.087, 62.079

30, 20.087, 62.079

20, 20.087, 62.079

10, 20.087, 62.079

0, 20.087, 62.079

60, 20.087, 62.079

60, 20.087, 62.079

57, 26.860, 61.115

63, 13.702, 63.084

54, 34.010, 60.175

66, 7.692, 64.090

■ 52, 41.466, 59.248

■ 69, 2.028, 64.987

■ 49, 49.039, 58.272

■ 72, 3.324, 246.332

■ 47, 56.316, 57.093

■ 75, 8.397, 247.287

■ 44, 62.510, 55.390

■ 79, 13.224,
248.277

■ 43, 65.998, 54.284

■ 82, 17.834,
249.252

■ 85, 22.253,
250.199

■ 88, 22.071,
237.435

Harmonies

Complementary

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



60, 20.087, 62.079



60, 17.384, 250.456

Rectangle

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



60, 20.087, 62.079



60, 20.087, 112.079



60, 20.087, 242.079



60, 20.087, 292.079

Sweetspot

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



60, 20.087, 62.086



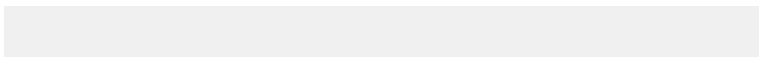
85, 6.882, 64.440



55, 29.768, 341.411



45, 4.709, 64.307



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, 20.087, 62.086



74, 30.230, 61.405



67, 28.468, 102.266



35, 3.151, 64.523



38, 59.637, 54.716



4, 6.391, 56.217

Inverse Universe

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



60, 17.384, 250.456



74, 25.271, 251.915



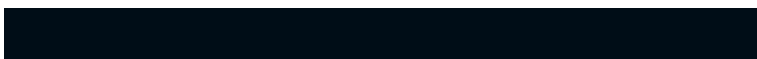
52, 30.359, 290.303



35, 3.046, 246.692



36, 40.340, 273.345



3, 6.891, 256.461

Previews

White Background



This preview shows how the CIELCh color 60, 20.087, 62.079 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, 20.087, 62.079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

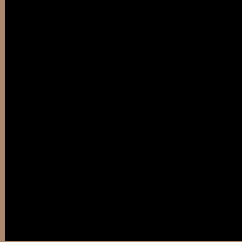
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 20.087, 62.079

Background



This preview shows how black text looks on a background with the CIELCh color 60, 20.087, 62.079.



This preview shows how white text looks on a background with the CIELCh color 60, 20.087, 62.079.

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, 20.087, 62.079

Protanopia

60, 16.146, 94.858

Deuteranopia

60, 19.218, 66.631



Tritanopia
60, 17.271, 2.390

Trichromacy



Original Color
60, 20.087, 62.079

Protanomaly
60, 16.742, 79.774

Deuteranomaly
60, 19.523, 65.710

Tritanomaly
60, 16.085, 24.993

Monochromacy



Original Color
60, 20.087, 62.079

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 6.913, 60.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 20.087, 62.079 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, 138, 114)` looks like.

```
.text, #text, p{  
    color:rgb(172, 138, 114)  
}
```

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, 138, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 138, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 20.087, 62.079 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, 138, 114) }
```

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

```
.border{ border-color:rgb(172, 138, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 138, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 138, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 138, 114);  
box-shadow:4px 4px 4px 4px rgb(172, 138,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 20.087, 62.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 138, 114) }
```

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

```
.background{ background-color: rgb(172,  
138, 114) }
```

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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