

Converting Colors

CIELCh(63, 11.177, 59.095)

Have a look what the booklet for
CIELCh(63, 11.177, 59.095) contains.

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Color

CIELCh(63, 11.220, 56.427)

Conversions

Conversions Part 1

Format	Color
Hex	AA9488
RGB	170, 148, 136
RGB Percent	67%, 58%, 53%
CMY	0.3326, 0.4189, 0.4660
CMYK	0.00, 0.13, 0.20, 0.33
HSL	21°, 17%, 60%
HSV	21°, 20%, 67%
XYZ	31.6936, 31.5869, 27.7862
YIQ	153.2100, 16.9640, 0.9320

Conversions

Conversions Part 2

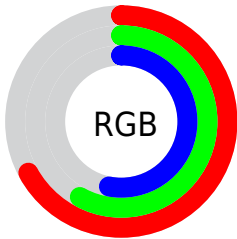
Format	Color
RYB	170, 155, 136
Decimal	11179144
CIELab	63.00, 6.20, 9.35
CIELCh	63, 11.220, 56.427
Yxy	31.5869, 0.3480, 0.3469
Android (android.graphics.Color)	4289369224 (0xFFAA9488)
YUV	153.2100, -8.4845, 14.7248
Hunter-Lab	56.2022, 2.3060, 10.0288

Details

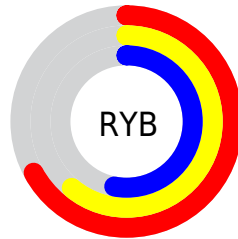
The CIELCh color $63, 11.220, 56.427$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 10.162, 240.303$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 11.446, 56.499$, and $43, 11.166, 56.212$ is the 20% darker color. If you saturate the color by 10%, you get $60, 17.437, 55.679$, and if you desaturate by 10%, it is $66, 5.415, 57.217$.

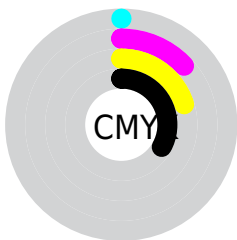
Distribution



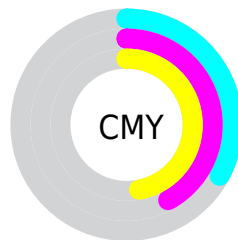
- Red (67%)
- Green (58%)
- Blue (53%)



- Red (67%)
- Yellow (61%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (20%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 11.220, 56.427 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 63, 11.220, 56.427 by changing the saturation by 10% instead.

■ 63, 11.220, 56.427

■ 63, 11.220, 56.427

■ 100, 11.220,
56.427

■ 53, 11.220, 56.427

■ 83, 11.220, 56.427

■ 43, 11.220, 56.427

■ 93, 11.220, 56.427

■ 33, 11.220, 56.427

■ 23, 11.220, 56.427

■ 13, 11.220, 56.427

■ 3, 11.220, 56.427

■ 0, 11.220, 56.427

■ 63, 11.220, 56.427

■ 63, 11.220, 56.427

■ 60, 17.437, 55.679

■ 66, 5.415, 57.217

57, 24.094, 54.975

70, 0.016, 266.061

54, 31.199, 54.341

73, 5.106, 239.092

51, 38.719, 53.778

77, 9.900, 239.921

48, 46.533, 53.250

80, 14.431,
240.772

45, 54.351, 52.650

83, 18.732,
241.616

43, 61.541, 51.712

41, 67.681, 50.455

87, 22.733,
242.101

41, 67.693, 50.454

90, 22.553,
223.986

93, 24.425,
207.402

Harmonies

Complementary

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



63, 11.220, 56.427



64, 10.162, 240.303

Rectangle

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



63, 11.220, 56.427



63, 11.220, 106.427



63, 11.220, 236.427



63, 11.220, 286.427

Sweetspot

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



63, 11.220, 56.439



86, 3.984, 57.492



61, 18.047, 337.827



46, 2.670, 57.451



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



63, 11.220, 56.439



79, 16.981, 56.095



67, 15.965, 101.076



34, 3.035, 57.270



36, 60.811, 50.884



3, 5.386, 52.027

Inverse Universe

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



64, 10.162, 240.303



80, 15.003, 240.902



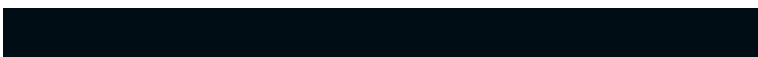
59, 16.434, 285.714



34, 2.909, 239.102



39, 35.389, 264.343



3, 5.526, 247.570

Previews

White Background



This preview shows how the CIELCh color 63, 11.220, 56.427 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 63, 11.220, 56.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

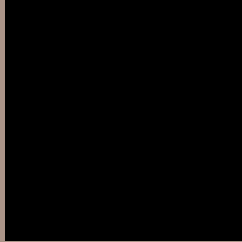
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 11.220, 56.427

Background



This preview shows how black text looks on a background with the CIELCh color 63, 11.220, 56.427.



This preview shows how white text looks on a background with the CIELCh color 63, 11.220, 56.427.

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


63, 11.220, 56.427

Protanopia

63, 8.277, 89.488

Deuteranopia

63, 12.311, 49.910



Tritanopia
63, 12.768, 349.132

Trichromacy



Original Color
63, 11.220, 56.427

Protanomaly
63, 9.180, 77.463

Deuteranomaly
63, 11.949, 50.881

Tritanomaly
63, 10.414, 11.203

Monochromacy



Original Color
63, 11.220, 56.427

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 3.837, 55.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 11.220, 56.427 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(170, 148, 136)` looks like.

```
.text, #text, p{  
    color:rgb(170, 148, 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(170, 148, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 148, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 11.220, 56.427 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(170, 148, 136) }
```

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

```
.border{ border-color:rgb(170, 148, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 148, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 148, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 148, 136); box-shadow:4px 4px 4px 4px rgb(170, 148, 136) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 11.220, 56.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 148, 136) }
```

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

```
.background{ background-color: rgb(170,  
148, 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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