

Converting Colors

CIELCh(55, 8.848, 61.785)

Have a look what the booklet for
CIELCh(55, 8.848, 61.785) contains.

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Color

CIELCh(55, 8.883, 64.737)

Conversions

Conversions Part 1

Format	Color
Hex	908176
RGB	144, 129, 118
RGB Percent	56%, 51%, 46%
CMY	0.4354, 0.4942, 0.5373
CMYK	0.00, 0.10, 0.18, 0.44
HSL	25°, 10%, 51%
HSV	25°, 18%, 56%
XYZ	22.6141, 22.9298, 20.3669
YIQ	132.2310, 12.4710, -0.2410

Conversions

Conversions Part 2

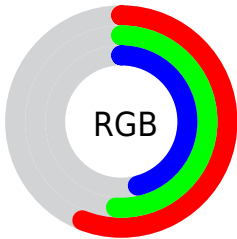
Format	Color
RYB	144, 137, 118
Decimal	9470326
CIELab	55.00, 3.79, 8.03
CIElCh	55, 8.883, 64.737
Yxy	22.9298, 0.3431, 0.3479
Android (android.graphics.Color)	4287660406 (0xFF908176)
YUV	132.2310, -7.0159, 10.3214
Hunter-Lab	47.8851, 0.4991, 8.3019

Details

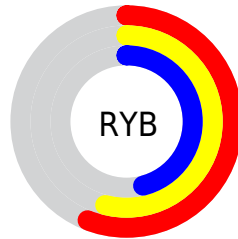
The CIELCh color $55, 8.883, 64.737$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $55, 8.300, 248.938$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 8.944, 65.731$, and $35, 8.663, 65.484$ is the 20% darker color. If you saturate the color by 10%, you get $52, 14.214, 63.728$, and if you desaturate by 10%, it is $58, 3.851, 65.747$.

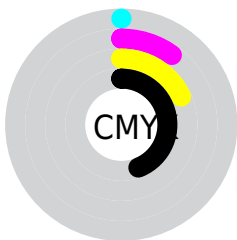
Distribution



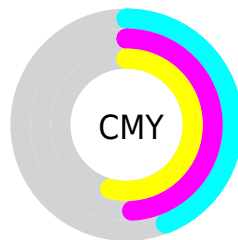
- Red (56%)
- Green (51%)
- Blue (46%)



- Red (56%)
- Yellow (54%)
- Blue (46%)



- Cyan (0%)
- Magenta (10%)
- Yellow (18%)
- Black (44%)



- Cyan (44%)
- Magenta (49%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 8.883, 64.737 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 55, 8.883, 64.737 by changing the saturation by 10% instead.

 55, 8.883, 64.737  55, 8.883, 64.737

 100, 8.883, 64.737  45, 8.883, 64.737

 75, 8.883, 64.737  35, 8.883, 64.737

 85, 8.883, 64.737  25, 8.883, 64.737

 95, 8.883, 64.737  15, 8.883, 64.737

 5, 8.883, 64.737

 0, 8.883, 64.737

 55, 8.883, 64.737  55, 8.883, 64.737

 52, 14.214, 63.728  58, 3.851, 65.747

 50, 19.864, 62.719  60, 0.909, 247.249

47, 25.835, 61.735

63, 5.424, 247.979

45, 32.103, 60.771

66, 9.721, 248.971

43, 38.578, 59.798

68, 13.826,
249.955

41, 45.047, 58.735

71, 17.761,
250.916

39, 51.071, 57.391

37, 56.296, 55.719

74, 21.548,
251.847

36, 57.414, 55.524

77, 25.203,
252.744

79, 28.742,
253.607

Harmonies

Complementary

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



55, 8.883, 64.737



55, 8.300, 248.938

Rectangle

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



55, 8.883, 64.737



55, 8.883, 114.737



55, 8.883, 244.737



55, 8.883, 294.737

Sweetspot

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



55, 8.883, 64.750



74, 2.920, 66.005



52, 13.573, 340.793



39, 2.012, 65.954



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



55, 8.883, 64.750



68, 13.518, 64.300



59, 13.457, 104.778



29, 2.689, 65.641



34, 54.742, 55.760



1, 1.777, 66.670

Inverse Universe

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



55, 8.300, 248.938



68, 12.398, 249.592



51, 13.908, 288.653



29, 2.605, 247.791



32, 37.705, 274.040



1, 1.777, 246.685

Previews

White Background



This preview shows how the CIELCh color 55, 8.883, 64.737 looks on a white background.

Color Contrast Check

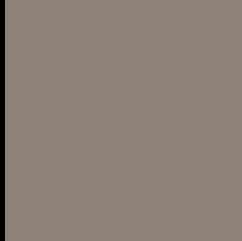
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 8.883, 64.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

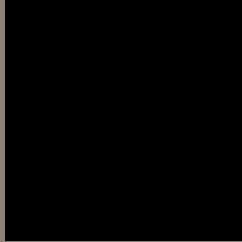
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 8.883, 64.737

Background



This preview shows how black text looks on a background with the CIELCh color 55, 8.883, 64.737.



This preview shows how white text looks on a background with the CIELCh color 55, 8.883, 64.737.

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

55, 8.883, 64.737

Protanopia

55, 7.288, 89.517

Deuteranopia

55, 10.586, 49.154



Tritanopia
55, 9.811, 344.753

Trichromacy



Original Color

55, 8.883, 64.737

Protanomaly

55, 7.529, 76.106

Deuteranomaly

55, 9.813, 55.522

Tritanomaly

55, 7.367, 11.245

Monochromacy



Original Color

55, 8.883, 64.737

Achromatopsia

55, 0.007, 296.813

Achromatomaly

55, 3.033, 68.353

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 8.883, 64.737 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(144, 129, 118)` looks like.

```
.text, #text, p{  
    color:rgb(144, 129, 118)  
}
```

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(144, 129, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 129, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 8.883, 64.737 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(144, 129, 118) }
```

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

```
.border{ border-color:rgb(144, 129, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 129, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 129, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 129, 118);  
box-shadow:4px 4px 4px 4px rgb(144, 129,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 8.883, 64.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 129, 118) }
```

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

```
.background{ background-color: rgb(144,  
129, 118) }
```

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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