

Converting Colors

CIELCh(55, 8.218, 61.187)

Have a look what the booklet for
CIELCh(55, 8.218, 61.187) contains.

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Color

CIELCh(55, 8.471, 62.150)

Conversions

Conversions Part 1

Format	Color
Hex	908177
RGB	144, 129, 119
RGB Percent	56%, 51%, 47%
CMY	0.4356, 0.4944, 0.5337
CMYK	0.00, 0.10, 0.17, 0.44
HSL	24°, 10%, 52%
HSV	24°, 17%, 56%
XYZ	22.6506, 22.9298, 20.6586
YIQ	132.3450, 12.1500, 0.0700

Conversions

Conversions Part 2

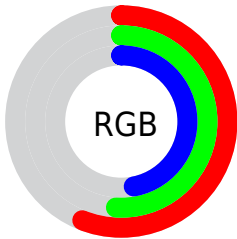
Format	Color
R_{YB}	144, 136, 119
Decimal	9470327
CIE Lab	55.00, 3.96, 7.49
CIE LCh	55, 8.471, 62.150
Yxy	22.9298, 0.3420, 0.3462
Android (android.graphics.Color)	4287660407 (0xFF908177)
YUV	132.3450, -6.5791, 10.2214
Hunter-Lab	47.8851, 0.6349, 7.9406

Details

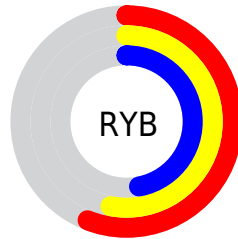
The CIELCh color $55, 8.471, 62.150$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $55, 7.887, 245.976$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 8.553, 63.334$, and $35, 8.204, 62.692$ is the 20% darker color. If you saturate the color by 10%, you get $52, 13.770, 61.218$, and if you desaturate by 10%, it is $58, 3.485, 63.085$.

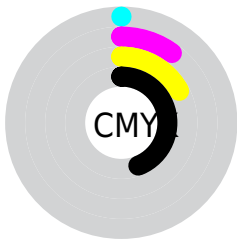
Distribution



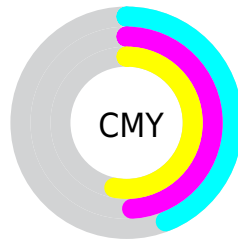
- Red (56%)
- Green (51%)
- Blue (47%)



- Red (56%)
- Yellow (53%)
- Blue (47%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (44%)



- Cyan (44%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 8.471, 62.150 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, 8.471, 62.150 by changing the saturation by 10% instead.

 55, 8.471, 62.150  55, 8.471, 62.150

 100, 8.471, 62.150  45, 8.471, 62.150

 75, 8.471, 62.150  35, 8.471, 62.150

 85, 8.471, 62.150  25, 8.471, 62.150

 95, 8.471, 62.150  15, 8.471, 62.150

 5, 8.471, 62.150

 0, 8.471, 62.150

 55, 8.471, 62.150  55, 8.471, 62.150

 52, 13.770, 61.218  58, 3.485, 63.085

 50, 19.406, 60.295  60, 1.215, 244.459

47, 25.387, 59.409

63, 5.660, 245.219

45, 31.693, 58.559

66, 9.878, 246.166

42, 38.246, 57.722

69, 13.896,
247.110

40, 44.852, 56.820

72, 17.738,
248.034

38, 51.094, 55.670

36, 56.521, 54.155

75, 21.426,
248.932

36, 58.078, 53.937

77, 24.977,
249.800

80, 28.409,
250.637

Harmonies

Complementary

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



55, 8.471, 62.150



55, 7.887, 245.976

Rectangle

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



55, 8.471, 62.150



55, 8.471, 112.150



55, 8.471, 242.150



55, 8.471, 292.150

Sweetspot

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



55, 8.471, 62.163



74, 2.896, 63.263



53, 13.194, 339.924



39, 1.996, 63.217



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, 8.471, 62.163



69, 12.794, 61.778



58, 12.725, 104.028



29, 2.668, 62.927



34, 55.373, 54.159



1, 1.761, 63.905

Inverse Universe

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



55, 7.887, 245.976



69, 11.692, 246.546



52, 13.113, 287.795



29, 2.577, 244.978



33, 36.031, 270.945



1, 1.761, 243.921

Previews

White Background



This preview shows how the CIELCh color 55, 8.471, 62.150 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, 8.471, 62.150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

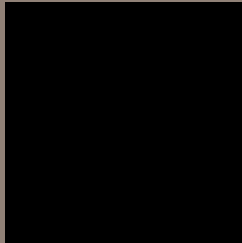
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 8.471, 62.150

Background



This preview shows how black text looks on a background with the CIELCh color 55, 8.471, 62.150.

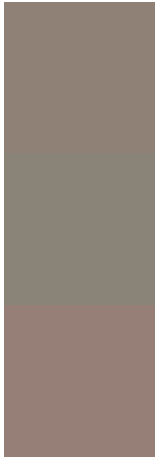


This preview shows how white text looks on a background with the CIELCh color 55, 8.471, 62.150.

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, 8.471, 62.150

Protanopia

55, 6.749, 87.991

Deuteranopia

55, 10.291, 46.493



Tritanopia
55, 9.811, 344.753

Trichromacy



Original Color
55, 8.471, 62.150

Protanomaly
55, 7.050, 73.690

Deuteranomaly
55, 9.467, 52.844

Tritanomaly
55, 7.460, 6.898

Monochromacy



Original Color
55, 8.471, 62.150

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, 8.471, 62.150 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, 119)` looks like.

```
.text, #text, p{  
    color:rgb(144, 129, 119)  
}
```

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, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 129, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 8.471, 62.150 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, 119) }
```

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

```
.border{ border-color:rgb(144, 129, 119) }
```

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, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 129, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 129, 119);  
box-shadow:4px 4px 4px 4px rgb(144, 129,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 8.471, 62.150 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, 119) }
```

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

```
.background{ background-color: rgb(144,  
129, 119) }
```

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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