

Converting Colors

CIELCh(55, 7.862, 308.116)

Have a look what the booklet for
CIELCh(55, 7.862, 308.116) contains.

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Color

CIELCh(55, 7.862, 308.116)

Conversions

Conversions Part 1

Format	Color
Hex	87818E
RGB	135, 129, 142
RGB Percent	53%, 51%, 56%
CMY	0.4693, 0.4928, 0.4418
CMYK	0.05, 0.09, 0.00, 0.44
HSL	268°, 5%, 53%
HSV	268°, 9%, 56%
XYZ	22.8474, 22.9298, 28.9458
YIQ	132.2760, -0.5970, 5.3150

Conversions

Conversions Part 2

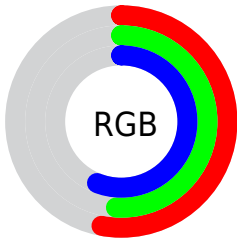
Format	Color
RYB	135, 129, 142
Decimal	8880526
CIELab	55.00, 4.85, -6.19
CIELCh	55, 7.862, 308.116
Yxy	22.9298, 0.3058, 0.3069
Android (android.graphics.Color)	4287070606 (0xFF87818E)
YUV	132.2760, 4.7939, 2.3889
Hunter-Lab	47.8851, 1.3688, -2.3203

Details

The CIELCh color $55, 7.862, 308.116$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 7.751, 127.318$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 7.909, 306.864$, and $35, 7.814, 306.704$ is the 20% darker color. If you saturate the color by 10%, you get $50, 16.700, 308.613$, and if you desaturate by 10%, it is $60, 0.724, 127.788$.

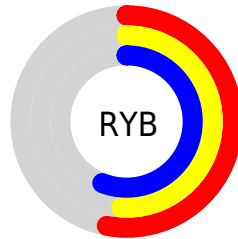
Distribution



Red (53%)

Green (51%)

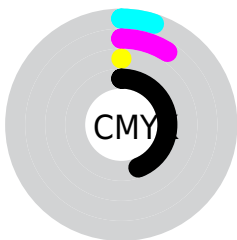
Blue (56%)



Red (53%)

Yellow (51%)

Blue (56%)

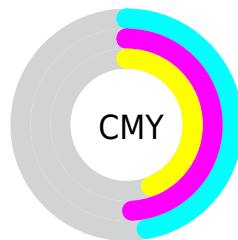


Cyan (5%)

Magenta (9%)

Yellow (0%)

Black (44%)



Cyan (47%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 7.862, 308.116 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, 7.862, 308.116 by changing the saturation by 10% instead.

■ 55, 7.862, 308.116

■ 55, 7.862, 308.116

■ 100, 7.862,
308.116

■ 45, 7.862, 308.116

■ 75, 7.862, 308.116

■ 35, 7.862, 308.116

■ 85, 7.862, 308.116

■ 25, 7.862, 308.116

■ 95, 7.862, 308.116

■ 15, 7.862, 308.116

■ 5, 7.862, 308.116

■ 0, 7.862, 308.116

■ 55, 7.862, 308.116

■ 55, 7.862, 308.116

■ 50, 16.700,
308.613

■ 60, 0.724, 127.788

■ 64, 9.047, 127.283

46, 25.770,
309.151

69, 17.111,
126.923

42, 35.014,
309.718

73, 24.924,
126.609

37, 44.323,
310.293

78, 32.498,
126.335

33, 53.502,
310.838

82, 39.845,
126.096

29, 62.228,
311.294

86, 46.977,
125.891

26, 70.016,
311.572

91, 53.906,
125.713

23, 76.243,
311.561

94, 59.328,
125.154

21, 80.902,
311.302

Harmonies

Complementary

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



55, 7.862, 308.116



58, 7.751, 127.318

Rectangle

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



55, 7.862, 308.116



55, 7.862, 358.116



55, 7.862, 128.116



55, 7.862, 178.116

Sweetspot

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



55, 7.860, 308.113



74, 3.190, 307.814



56, 4.270, 250.972



39, 2.438, 307.854



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, 7.860, 308.113



69, 11.816, 308.215



56, 8.911, 323.534



28, 4.871, 308.115



19, 78.272, 311.345



0, 3.249, 307.709

Inverse Universe

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



55, 6.544, 342.298



70, 9.830, 342.479



58, 8.890, 142.636



28, 4.055, 342.302



28, 53.506, 357.321



1, 2.712, 341.629

Previews

White Background



This preview shows how the CIELCh color 55, 7.862, 308.116 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 55, 7.862, 308.116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

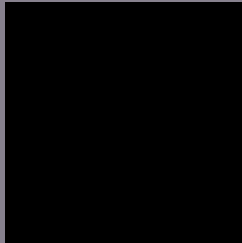
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

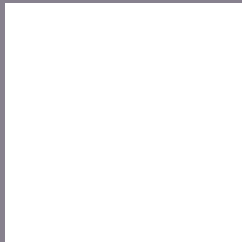
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 7.862, 308.116

Background



This preview shows how black text looks on a background with the CIELCh color 55, 7.862, 308.116.



This preview shows how white text looks on a background with the CIELCh color 55, 7.862, 308.116.

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, 7.862, 308.116

Protanopia

55, 6.898, 291.014

Deuteranopia

55, 9.661, 317.195



Tritanopia
55, 6.093, 309.359

Trichromacy



Original Color

55, 7.862, 308.116

Protanomaly

55, 7.584, 299.764

Deuteranomaly

55, 9.497, 315.079

Tritanomaly

55, 6.640, 307.805

Monochromacy



Original Color

55, 7.862, 308.116

Achromatopsia

56, 0.007, 296.813

Achromatomaly

55, 2.439, 309.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 7.862, 308.116 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(135, 129, 142)` looks like.

```
.text, #text, p{  
    color:rgb(135, 129, 142)  
}
```

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(135, 129, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 129, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 7.862, 308.116 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(135, 129, 142) }
```

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

```
.border{ border-color:rgb(135, 129, 142) }
```

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

Here you see how a box with a 4 pixel rgb(135, 129, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 129, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 129, 142);  
box-shadow:4px 4px 4px 4px rgb(135, 129,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 7.862, 308.116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 129, 142) }
```

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

```
.background{ background-color: rgb(135,  
129, 142) }
```

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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