

Converting Colors

CIELCh(55, 6.368, 20.007)

Have a look what the booklet for
CIELCh(55, 6.368, 20.007) contains.

CIELCh(55, 6.480, 20.038)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(55, 6.480, 20.038)

Conversions

Conversions Part 1

Format	Color
Hex	908080
RGB	144, 128, 128
RGB Percent	56%, 50%, 50%
CMY	0.4352, 0.4980, 0.4980
CMYK	0.00, 0.11, 0.11, 0.44
HSL	0°, 7%, 53%
HSV	0°, 11%, 56%
XYZ	23.1208, 22.9298, 23.6327
YIQ	132.7840, 9.5360, 3.3920

Conversions

Conversions Part 2

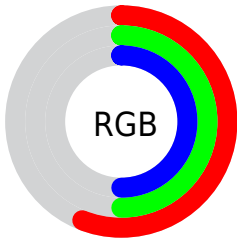
Format	Color
RYB	144, 128, 128
Decimal	9470080
CIELab	55.00, 6.09, 2.22
CIElCh	55, 6.480, 20.038
Yxy	22.9298, 0.3318, 0.3291
Android (android.graphics.Color)	4287660160 (0xFF908080)
YUV	132.7840, -2.3585, 9.8364
Hunter-Lab	47.8851, 2.3877, 4.2583

Details

The CIELCh color $55, 6.480, 20.038$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 6.051, 198.906$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 6.434, 19.859$, and $35, 6.659, 20.366$ is the 20% darker color. If you saturate the color by 10%, you get $51, 12.789, 20.893$, and if you desaturate by 10%, it is $59, 0.624, 18.793$.

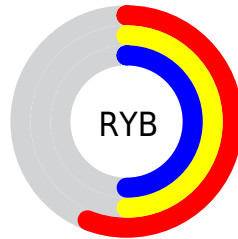
Distribution



Red (56%)

Green (50%)

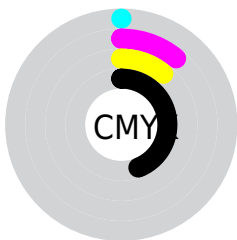
Blue (50%)



Red (56%)

Yellow (50%)

Blue (50%)

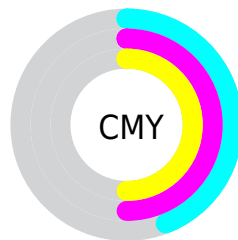


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (44%)



Cyan (44%)

Magenta (50%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 6.480, 20.038 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, 6.480, 20.038 by changing the saturation by 10% instead.

 55, 6.480, 20.038  55, 6.480, 20.038

 100, 6.480, 20.038  45, 6.480, 20.038

 75, 6.480, 20.038  35, 6.480, 20.038

 85, 6.480, 20.038  25, 6.480, 20.038

 95, 6.480, 20.038  15, 6.480, 20.038

 5, 6.480, 20.038

 0, 6.480, 20.038

 55, 6.480, 20.038  55, 6.480, 20.038

 51, 12.789, 20.893  59, 0.624, 18.793

 47, 19.557, 21.949  64, 4.800, 199.079

43, 26.748, 23.311

68, 9.832, 198.636

39, 34.270, 25.077

73, 14.511,
198.302

36, 41.966, 27.348

77, 18.878,
198.036

33, 49.607, 30.191

31, 56.874, 33.537

81, 22.972,
197.819

30, 63.200, 36.960

86, 26.825,
197.640

29, 67.552, 39.214

90, 30.469,
197.491

94, 33.317,
197.370

Harmonies

Complementary

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



55, 6.480, 20.038



59, 6.051, 198.906

Rectangle

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



55, 6.480, 20.038



55, 6.480, 70.038



55, 6.480, 200.038



55, 6.480, 250.038

Sweetspot

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



55, 6.479, 20.051



74, 2.092, 19.348



55, 11.125, 325.014



39, 1.603, 19.443



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, 6.479, 20.051



69, 9.424, 20.220



57, 5.571, 74.054



28, 3.245, 19.902



27, 64.129, 38.802



0, 2.121, 19.419

Inverse Universe

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



59, 6.051, 198.906



74, 8.680, 198.786



56, 5.428, 256.891



30, 3.068, 199.020



51, 31.260, 196.411



2, 2.121, 199.436

Previews

White Background



This preview shows how the CIELCh color 55, 6.480, 20.038 looks on a white background.

Color Contrast Check

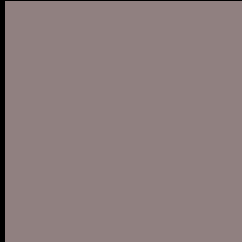
Large Text (above 18pt) WCAG AA ✓ Pass

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, 6.480, 20.038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

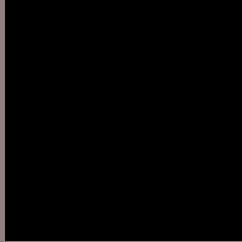
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 6.480, 20.038

Background



This preview shows how black text looks on a background with the CIELCh color 55, 6.480, 20.038.



This preview shows how white text looks on a background with the CIELCh color 55, 6.480, 20.038.

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, 6.480, 20.038

Protanopia

55, 1.316, 44.993

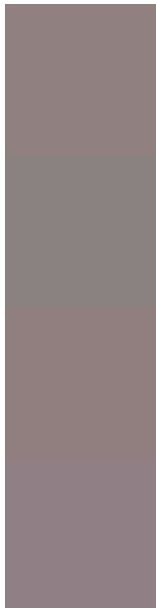
Deuteranopia

55, 7.732, 15.967



Tritanopia
55, 9.165, 341.707

Trichromacy



Original Color
55, 6.480, 20.038

Protanomaly
55, 3.254, 29.732

Deuteranomaly
55, 7.319, 15.677

Tritanomaly
55, 8.236, 351.182

Monochromacy



Original Color
55, 6.480, 20.038

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 2.390, 19.487

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 6.480, 20.038 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, 128, 128)` looks like.

```
.text, #text, p{  
    color:rgb(144, 128, 128)  
}
```

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, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 128, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 6.480, 20.038 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, 128, 128) }
```

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

```
.border{ border-color:rgb(144, 128, 128) }
```

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

Here you see how a box with a 4 pixel rgb(144, 128, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 128, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 128, 128);  
box-shadow:4px 4px 4px 4px rgb(144, 128,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 6.480, 20.038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 128, 128) }
```

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

```
.background{ background-color: rgb(144,  
128, 128) }
```

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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