

Converting Colors

CIELCh(55, 6.635, 25.811)

Have a look what the booklet for
CIELCh(55, 6.635, 25.811) contains.

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Color

CIELCh(55, 6.522, 25.048)

Conversions

Conversions Part 1

Format	Color
Hex	90807F
RGB	144, 128, 127
RGB Percent	56%, 50%, 50%
CMY	0.4350, 0.4977, 0.5016
CMYK	0.00, 0.11, 0.12, 0.43
HSL	4°, 7%, 53%
HSV	4°, 12%, 57%
XYZ	23.0810, 22.9298, 23.3150
YIQ	132.6700, 9.8570, 3.0810

Conversions

Conversions Part 2

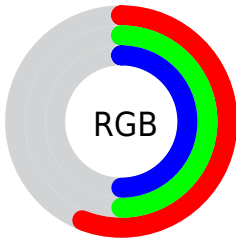
Format	Color
R_{YB}	144, 128, 127
Decimal	9470079
CIE Lab	55.00, 5.91, 2.76
CIE LCh	55, 6.522, 25.048
Yxy	22.9298, 0.3329, 0.3308
Android (android.graphics.Color)	4287660159 (0xFF90807F)
YUV	132.6700, -2.7953, 9.9364
Hunter-Lab	47.8851, 2.2394, 4.6516

Details

The CIELCh color $55, 6.522, 25.048$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 6.053, 204.314$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 6.468, 24.614$, and $35, 6.265, 25.948$ is the 20% darker color. If you saturate the color by 10%, you get $51, 12.534, 25.688$, and if you desaturate by 10%, it is $59, 0.956, 24.235$.

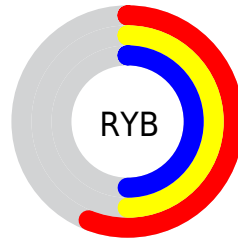
Distribution



Red (56%)

Green (50%)

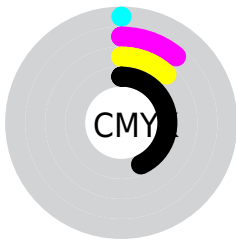
Blue (50%)



Red (56%)

Yellow (50%)

Blue (50%)

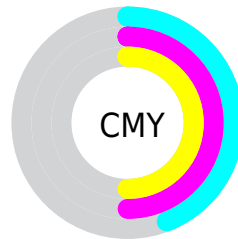


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (43%)



Cyan (44%)


Magenta (50%)


Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 6.522, 25.048 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, 6.522, 25.048 by changing the saturation by 10% instead.

 55, 6.522, 25.048  55, 6.522, 25.048

 100, 6.522, 25.048  45, 6.522, 25.048

 75, 6.522, 25.048  35, 6.522, 25.048

 85, 6.522, 25.048  25, 6.522, 25.048

 95, 6.522, 25.048  15, 6.522, 25.048

 5, 6.522, 25.048

 0, 6.522, 25.048

 55, 6.522, 25.048  55, 6.522, 25.048

 51, 12.534, 25.688  59, 0.956, 24.235

 47, 19.010, 26.499  63, 4.191, 204.477

43, 25.936, 27.574

67, 8.960, 204.192

40, 33.255, 28.987

72, 13.390,
204.015

37, 40.853, 30.813

76, 17.522,
203.898

34, 48.538, 33.090

32, 55.993, 35.734

80, 21.391,
203.824

31, 62.594, 38.350

84, 25.030,
203.780

30, 66.779, 40.181

88, 28.467,
203.761

92, 31.799,
202.071

Harmonies

Complementary

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



55, 6.522, 25.048



58, 6.053, 204.314

Rectangle

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



55, 6.522, 25.048



55, 6.522, 75.048



55, 6.522, 205.048



55, 6.522, 255.048

Sweetspot

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



55, 6.521, 25.062



74, 2.643, 24.580



55, 11.428, 326.432



39, 1.898, 24.638



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, 6.521, 25.062



69, 9.630, 25.205



57, 6.141, 79.148



28, 3.065, 24.913



28, 63.325, 39.870



1, 2.002, 24.619

Inverse Universe

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



58, 6.053, 204.314



73, 8.792, 204.233



56, 6.026, 262.228



30, 2.895, 204.411



48, 29.002, 206.035



2, 2.002, 204.637

Previews

White Background



This preview shows how the CIELCh color 55, 6.522, 25.048 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, 6.522, 25.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

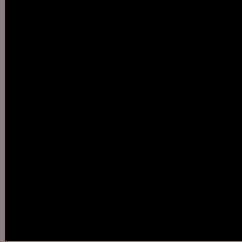
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 6.522, 25.048

Background



This preview shows how black text looks on a background with the CIELCh color 55, 6.522, 25.048.



This preview shows how white text looks on a background with the CIELCh color 55, 6.522, 25.048.

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, 6.522, 25.048

Protanopia

55, 1.954, 55.172

Deuteranopia

55, 7.732, 20.188



Tritanopia
55, 9.165, 341.707

Trichromacy



Original Color
55, 6.522, 25.048

Protanomaly
55, 3.407, 39.219

Deuteranomaly
55, 7.317, 20.140

Tritanomaly
55, 7.987, 354.802

Monochromacy



Original Color
55, 6.522, 25.048

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, 6.522, 25.048 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(144, 128, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 128, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 6.522, 25.048 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, 127) }
```

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

```
.border{ border-color:rgb(144, 128, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 128, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 128, 127);  
box-shadow:4px 4px 4px 4px rgb(144, 128,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 6.522, 25.048 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, 127) }
```

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

```
.background{ background-color: rgb(144,  
128, 127) }
```

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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