

Converting Colors

CIELCh(55, 5.100, 324.909)

Have a look what the booklet for
CIELCh(55, 5.100, 324.909) contains.

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Color

CIELCh(55, 5.596, 324.716)

Conversions

Conversions Part 1

Format	Color
Hex	898189
RGB	137, 129, 137
RGB Percent	54%, 51%, 54%
CMY	0.4616, 0.4930, 0.4616
CMYK	0.00, 0.06, 0.00, 0.46
HSL	300°, 3%, 52%
HSV	300°, 6%, 54%
XYZ	22.7847, 22.9298, 26.9972
YIQ	132.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

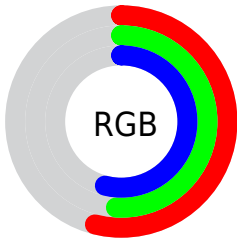
Format	Color
R _Y B	137, 129, 137
Decimal	9011593
CIE Lab	55.00, 4.57, -3.23
CIE LCh	55, 5.596, 324.716
Yxy	22.9298, 0.3134, 0.3154
Android (android.graphics.Color)	4287201673 (0xFF898189)
YUV	132.3040, 2.3151, 4.1184
Hunter-Lab	47.8851, 1.1349, 0.0924

Details

The CIELCh color $55, 5.596, 324.716$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 5.581, 144.156$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 5.266, 324.623$, and $35, 5.312, 324.819$ is the 20% darker color. If you saturate the color by 10%, you get $51, 15.270, 325.268$, and if you desaturate by 10%, it is $59, 3.959, 144.275$.

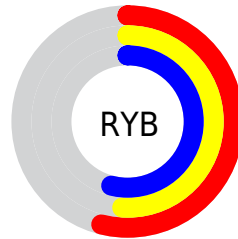
Distribution



Red (54%)

Green (51%)

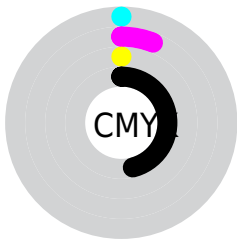
Blue (54%)



Red (54%)

Yellow (51%)

Blue (54%)

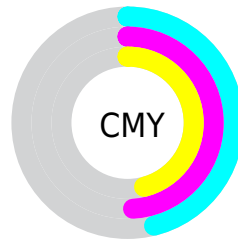


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (46%)



Cyan (46%)

Magenta (49%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 5.596, 324.716 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, 5.596, 324.716 by changing the saturation by 10% instead.

■ 55, 5.596, 324.716

■ 55, 5.596, 324.716

■ 100, 5.596,
324.716

■ 45, 5.596, 324.716

■ 75, 5.596, 324.716

■ 35, 5.596, 324.716

■ 85, 5.596, 324.716

■ 25, 5.596, 324.716

■ 95, 5.596, 324.716

■ 15, 5.596, 324.716

■ 5, 5.596, 324.716

■ 0, 5.596, 324.716

■ 55, 5.596, 324.716

■ 55, 5.596, 324.716

■ 51, 15.270,
325.268

■ 59, 3.959, 144.275

■ 63, 13.312,

48, 24.946,
325.797

143.727

44, 34.449,
326.306

67, 22.420,
143.227

41, 43.538,
326.782

71, 31.260,
142.751

39, 51.912,
327.210

75, 39.823,
142.302

36, 59.225,
327.575

79, 48.113,
141.879

35, 65.137,
327.863

82, 56.136,
141.482

33, 69.392,
328.067

86, 63.904,
141.113

32, 71.993,
328.190

90, 71.432,
140.769

Harmonies

Complementary

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



55, 5.596, 324.716



56, 5.581, 144.156

Rectangle

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



55, 5.596, 324.716



55, 5.596, 14.716



55, 5.596, 144.716



55, 5.596, 194.716

Sweetspot

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



55, 5.594, 324.716



72, 2.377, 324.451



54, 4.612, 290.750



37, 1.346, 324.437



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



55, 5.594, 324.716



69, 8.333, 324.793



55, 3.933, 344.036



28, 4.348, 324.802



31, 71.114, 328.234



0, 2.512, 324.440

Inverse Universe

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



55, 5.594, 324.716



69, 8.333, 324.793



56, 3.897, 163.267



28, 4.348, 324.802



31, 71.114, 328.234



0, 2.512, 324.440

Previews

White Background



This preview shows how the CIELCh color 55, 5.596, 324.716 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, 5.596, 324.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

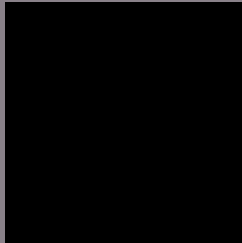
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

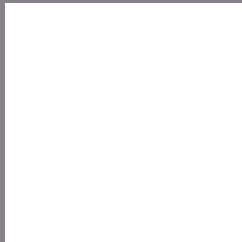
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 5.596, 324.716

Background



This preview shows how black text looks on a background with the CIELCh color 55, 5.596, 324.716.



This preview shows how white text looks on a background with the CIELCh color 55, 5.596, 324.716.

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

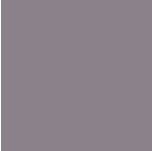
55, 5.596, 324.716

Protanopia

55, 4.051, 296.158

Deuteranopia

55, 7.985, 334.327



Tritanopia
55, 6.770, 322.025

Trichromacy



Original Color

55, 5.596, 324.716

Protanomaly

55, 4.879, 309.296

Deuteranomaly

55, 7.462, 329.861

Tritanomaly

55, 6.290, 324.756

Monochromacy



Original Color

55, 5.596, 324.716

Achromatopsia

56, 0.007, 296.813

Achromatomaly

55, 2.102, 324.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 5.596, 324.716 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(137, 129, 137)` looks like.

```
.text, #text, p{  
    color:rgb(137, 129, 137)  
}
```

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(137, 129, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 129, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 5.596, 324.716 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(137, 129, 137) }
```

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

```
.border{ border-color:rgb(137, 129, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 129, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 129, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 129, 137);  
box-shadow:4px 4px 4px 4px rgb(137, 129,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 5.596, 324.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 129, 137) }
```

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

```
.background{ background-color: rgb(137,  
129, 137) }
```

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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