

Converting Colors

CIELCh(55, 8.689, 290.926)

Have a look what the booklet for
CIELCh(55, 8.689, 290.926) contains.

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Color

CIELCh(55, 9.207, 291.291)

Conversions

Conversions Part 1

Format	Color
Hex	828292
RGB	130, 130, 146
RGB Percent	51%, 51%, 57%
CMY	0.4887, 0.4887, 0.4259
CMYK	0.11, 0.11, 0.00, 0.43
HSL	240°, 7%, 54%
HSV	240°, 11%, 57%
XYZ	22.5162, 22.9298, 30.5920
YIQ	131.8240, -5.1360, 4.9760

Conversions

Conversions Part 2

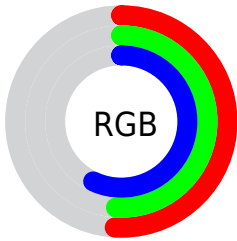
Format	Color
R_{YB}	130, 130, 146
Decimal	8553106
CIE _{Lab}	55.00, 3.34, -8.58
CIE _{LCh}	55, 9.207, 291.291
Yxy	22.9298, 0.2961, 0.3016
Android (android.graphics.Color)	4286743186 (0xFF828292)
YUV	131.8240, 6.9888, -1.5996
Hunter-Lab	47.8851, 0.1340, -4.3586

Details

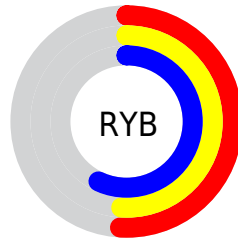
The CIELCh color $55, 9.207, 291.291$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 8.982, 109.148$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 9.191, 291.049$, and $35, 9.375, 291.744$ is the 20% darker color. If you saturate the color by 10%, you get $50, 17.975, 292.481$, and if you desaturate by 10%, it is $60, 0.779, 290.328$.

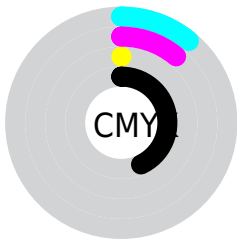
Distribution



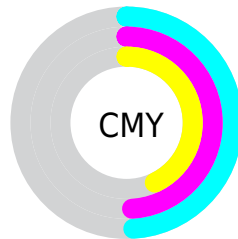
- Red (51%)
- Green (51%)
- Blue (57%)



- Red (51%)
- Yellow (51%)
- Blue (57%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (43%)



- Cyan (49%)
- Magenta (49%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 9.207, 291.291 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, 9.207, 291.291 by changing the saturation by 10% instead.

■ 55, 9.207, 291.291

■ 55, 9.207, 291.291

■ 100, 9.207,
291.291

■ 45, 9.207, 291.291

■ 75, 9.207, 291.291

■ 35, 9.207, 291.291

■ 85, 9.207, 291.291

■ 25, 9.207, 291.291

■ 95, 9.207, 291.291

■ 15, 9.207, 291.291

■ 5, 9.207, 291.291

■ 0, 9.207, 291.291

■ 55, 9.207, 291.291

■ 55, 9.207, 291.291

■ 50, 17.975,
292.481

■ 60, 0.779, 290.328

■ 65, 7.331, 109.387

45, 27.112,
293.884

71, 15.148,
108.650

39, 36.635,
295.518

76, 22.692,
108.015

34, 46.530,
297.388

81, 29.982,
107.468

29, 56.695,
299.458

86, 37.034,
106.994

25, 66.815,
301.618

91, 43.863,
106.583

21, 76.172,
303.649

95, 50.485,
106.224

18, 83.542,
305.238

98, 53.807,
106.060

16, 88.481,
306.286

Harmonies

Complementary

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



55, 9.207, 291.291



60, 8.982, 109.148

Rectangle

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



55, 9.207, 291.291



55, 9.207, 341.291



55, 9.207, 111.291



55, 9.207, 161.291

Sweetspot

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



55, 9.206, 291.287



75, 3.100, 290.486



59, 6.049, 197.465



40, 2.370, 290.556



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



55, 9.206, 291.287



69, 13.671, 291.548



56, 9.693, 308.962



28, 4.780, 291.100



15, 84.625, 306.286



0, 4.113, 290.175

Inverse Universe

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



56, 6.459, 20.020



70, 9.636, 20.204



60, 9.543, 128.016



29, 3.343, 19.887



28, 65.124, 38.926



1, 2.828, 19.399

Previews

White Background



This preview shows how the CIELCh color 55, 9.207, 291.291 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, 9.207, 291.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

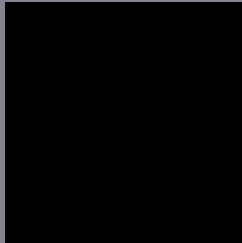
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

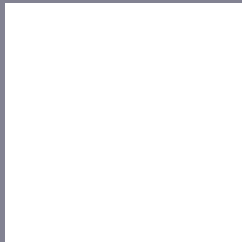
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 9.207, 291.291

Background



This preview shows how black text looks on a background with the CIELCh color 55, 9.207, 291.291.



This preview shows how white text looks on a background with the CIELCh color 55, 9.207, 291.291.

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, 9.207, 291.291

Protanopia

55, 9.212, 286.626

Deuteranopia

55, 11.507, 308.724



Tritanopia
55, 6.329, 287.496

Trichromacy



Original Color
55, 9.207, 291.291

Protanomaly
55, 9.196, 288.949

Deuteranomaly
55, 10.639, 303.723

Tritanomaly
55, 7.476, 288.180

Monochromacy



Original Color
55, 9.207, 291.291

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 3.452, 290.609

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 9.207, 291.291 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(130, 130, 146)` looks like.

```
.text, #text, p{  
    color:rgb(130, 130, 146)  
}
```

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(130, 130, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 130, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 9.207, 291.291 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(130, 130, 146) }
```

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

```
.border{ border-color:rgb(130, 130, 146) }
```

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

Here you see how a box with a 4 pixel rgb(130, 130, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 130, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 130, 146);  
box-shadow:4px 4px 4px 4px rgb(130, 130,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 9.207, 291.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 130, 146) }
```

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

```
.background{ background-color: rgb(130,  
130, 146) }
```

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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