

Converting Colors

CIELCh(55, 11.727, 246.486)

Have a look what the booklet for
CIELCh(55, 11.727, 246.486)
contains.

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Color

CIELCh(55, 11.715, 246.462)

Conversions

Conversions Part 1

Format	Color
Hex	708796
RGB	112, 135, 150
RGB Percent	44%, 53%, 59%
CMY	0.5612, 0.4710, 0.4122
CMYK	0.25, 0.10, 0.00, 0.41
HSL	204°, 15%, 51%
HSV	204°, 25%, 59%
XYZ	20.8098, 22.9298, 32.1317
YIQ	129.8330, -18.5230, -0.2110

Conversions

Conversions Part 2

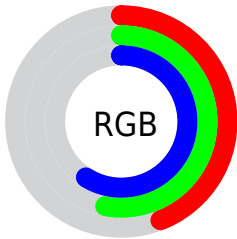
Format	Color
R_{YB}	112, 126, 150
Decimal	7374742
CIE _{Lab}	55.00, -4.68, -10.74
CIE _{LCh}	55, 11.715, 246.462
Yxy	22.9298, 0.2743, 0.3022
Android (android.graphics.Color)	4285564822 (0xFF708796)
YUV	129.8330, 9.9423, -15.6395
Hunter-Lab	47.8851, -6.2268, -6.2649

Details

The CIELCh color `55, 11.715, 246.462` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `55, 13.094, 60.783`, and the grayscale version is `54, 0.007, 296.813`.

A 20% lighter version of the original color is `75, 11.784, 246.343`, and `35, 11.703, 247.333` is the 20% darker color. If you saturate the color by 10%, you get `52, 16.032, 248.198`, and if you desaturate by 10%, it is `58, 7.208, 245.036`.

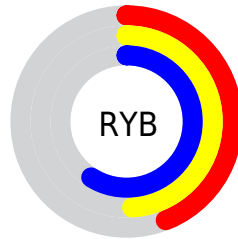
Distribution



Red (44%)

Green (53%)

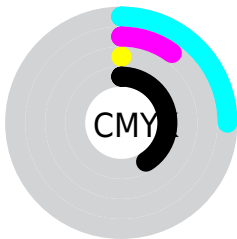
Blue (59%)



Red (44%)

Yellow (49%)

Blue (59%)

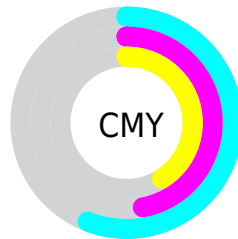


Cyan (25%)

Magenta (10%)

Yellow (0%)

Black (41%)



Cyan (56%)


Magenta (47%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 11.715, 246.462 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, 11.715, 246.462 by changing the saturation by 10% instead.


 55, 11.715,
246.462


 55, 11.715,
246.462


 100, 11.715,
246.462


 45, 11.715,
246.462


 75, 11.715,
246.462


 35, 11.715,
246.462


 85, 11.715,
246.462

 25, 11.715,
246.462

 95, 11.715,
246.462

 15, 11.715,
246.462

 5, 11.715, 246.462

 0, 11.715, 246.462

■ 55, 11.715,
246.462

■ 55, 11.715,
246.462

■ 52, 16.032,
248.198

■ 58, 7.208, 245.036

■ 50, 20.128,
250.320

■ 61, 2.548, 243.940

■ 47, 23.975,
252.894

■ 63, 2.230, 62.650

■ 45, 27.567,
255.989

■ 66, 7.097, 61.939

■ 42, 30.925,
259.652

■ 69, 12.025, 61.270

■ 40, 34.107,
263.884

■ 72, 16.992, 60.694

■ 38, 37.218,
268.583

■ 75, 21.981, 60.201

■ 37, 38.717,

■ 78, 26.976, 59.776

■ 81, 31.965, 59.407

270.699

Harmonies

Complementary

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



55, 11.715, 246.462



55, 13.094, 60.783

Rectangle

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



55, 11.715, 246.462



55, 11.715, 296.462



55, 11.715, 66.462



55, 11.715, 116.462

Sweetspot

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



55, 11.714, 246.457



76, 4.680, 244.203



59, 19.887, 155.821



39, 3.310, 244.350



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, 11.714, 246.457



68, 16.934, 247.326



50, 19.694, 288.129



30, 2.647, 244.311



34, 36.187, 270.278



1, 2.344, 243.262

Inverse Universe

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



52, 20.061, 340.348



63, 29.300, 340.817



60, 18.870, 102.325



29, 4.375, 339.016



29, 55.642, 351.649



1, 3.793, 338.381

Previews

White Background



This preview shows how the CIELCh color 55, 11.715, 246.462 looks on a white background.

Color Contrast Check

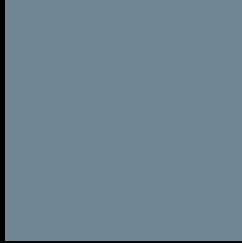
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.715, 246.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

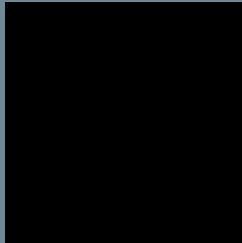
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

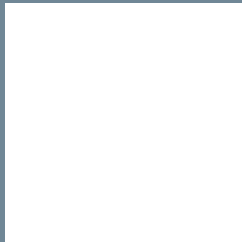
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 11.715, 246.462

Background



This preview shows how black text looks on a background with the CIELCh color 55, 11.715, 246.462.



This preview shows how white text looks on a background with the CIELCh color 55, 11.715, 246.462.

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, 11.715, 246.462

Protanopia

55, 9.782, 289.169

Deuteranopia

55, 13.544, 302.871



Tritanopia
55, 10.581, 235.615

Trichromacy



Original Color
55, 11.715, 246.462

Protanomaly
55, 9.696, 271.252

Deuteranomaly
55, 11.556, 284.239

Tritanomaly
55, 10.893, 238.241

Monochromacy



Original Color
55, 11.715, 246.462

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 4.438, 239.698

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 11.715, 246.462 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(112, 135, 150)` looks like.

```
.text, #text, p{  
    color:rgb(112, 135, 150)  
}
```

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(112, 135, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 135, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 11.715, 246.462 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(112, 135, 150) }
```

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

```
.border{ border-color:rgb(112, 135, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 135, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 135, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 135, 150);  
box-shadow:4px 4px 4px 4px rgb(112, 135,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 11.715, 246.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 135, 150) }
```

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

```
.background{ background-color: rgb(112,  
135, 150) }
```

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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