

Converting Colors

CIELCh(55, 36.403, 302.201)

Have a look what the booklet for
CIELCh(55, 36.403, 302.201)
contains.

| | |
|--|----|
| CIELCh(55, 36.114, 302.193) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(55, 36.114, 302.193)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 8A7BB9 |
| RGB | 138, 123, 185 |
| RGB Percent | 54%, 48%, 73% |
| CMY | 0.4603, 0.5191, 0.2761 |
| CMYK | 0.25, 0.34, 0.00, 0.28 |
| HSL | 255°, 31%, 60% |
| HSV | 255°, 34%, 72% |
| XYZ | 26.1686, 22.9298, 48.7233 |
| YIQ | 134.5530, -10.9620, 22.4620 |

Conversions

Conversions Part 2

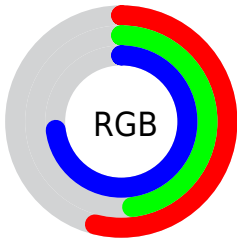
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 138, 123, 185 |
| Decimal | 9075641 |
| CIE _{Lab} | 55.00, 19.24, -30.56 |
| CIE _{LCh} | 55, 36.114, 302.193 |
| Y _{xy} | 22.9298, 0.2675, 0.2344 |
| Android (android.graphics.Color) | 4287265721 (0xFF8A7BB9) |
| YUV | 134.5530, 24.8704, 3.0230 |
| Hunter-Lab | 47.8851, 13.7490, -26.8082 |

Details

The CIELCh color **55, 36.114, 302.193** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **73, 33.582, 117.477**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 35.650, 301.779**, and **35, 36.458, 302.037** is the 20% darker color. If you saturate the color by 10%, you get **49, 47.675, 303.189**, and if you desaturate by 10%, it is **61, 24.900, 301.298**.

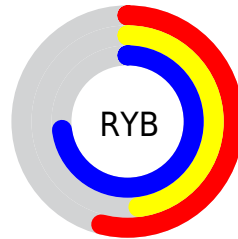
Distribution



Red (54%)

Green (48%)

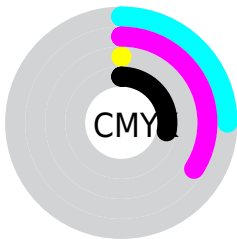
Blue (73%)



Red (54%)

Yellow (48%)

Blue (73%)

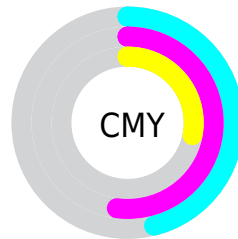


Cyan (25%)

Magenta (34%)

Yellow (0%)

Black (28%)



Cyan (46%)


Magenta (52%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 36.114, 302.193 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, 36.114, 302.193 by changing the saturation by 10% instead.


 55, 36.114,
302.193


 55, 36.114,
302.193


 100, 36.114,
302.193


 45, 36.114,
302.193


 75, 36.114,
302.193


 35, 36.114,
302.193

 85, 36.114,
302.193

 25, 36.114,
302.193

 95, 36.114,
302.193

 15, 36.114,
302.193

 5, 36.114, 302.193

 0, 36.114, 302.193

55, 36.114,
302.193

55, 36.114,
302.193

49, 47.675,
303.189

61, 24.900,
301.298

43, 59.474,
304.264

67, 14.075,
300.508

38, 71.252,
305.368

73, 3.641, 299.813

33, 82.489,
306.401

79, 6.416, 119.226

29, 92.291,
307.200

85, 16.114,
118.707


25, 99.451,
307.564

91, 25.476,
118.261

24, 102.816,
307.650

96, 34.520,
117.878

98, 35.455,
110.835

 99, 35.381,
107.482

Harmonies

Complementary

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



55, 36.114, 302.193



73, 33.582, 117.477

Rectangle

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



55, 36.114, 302.193



55, 36.114, 352.193



55, 36.114, 122.193



55, 36.114, 172.193

Sweetspot

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



55, 36.113, 302.193



87, 12.748, 300.262



67, 17.472, 225.677



45, 8.713, 300.361



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



55, 36.113, 302.193



65, 53.861, 302.889



58, 38.686, 318.207



36, 5.807, 300.203



19, 90.467, 307.754



1, 15.524, 297.260

Inverse Universe

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



59, 34.906, 334.293



72, 51.131, 334.822



70, 37.869, 135.117



36, 5.838, 332.598



35, 66.515, 340.603



3, 14.800, 336.126

Previews

White Background



This preview shows how the CIELCh color 55, 36.114, 302.193 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, 36.114, 302.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

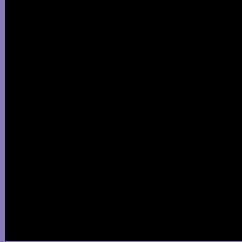
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 36.114, 302.193

Background



This preview shows how black text looks on a background with the CIELCh color 55, 36.114, 302.193.



This preview shows how white text looks on a background with the CIELCh color 55, 36.114, 302.193.

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, 36.114, 302.193

Protanopia

55, 34.654, 284.945

Deuteranopia

55, 30.672, 284.167



Tritanopia
55, 6.357, 284.076

Trichromacy



Original Color
55, 36.114, 302.193

Protanomaly
55, 35.059, 291.140

Deuteranomaly
55, 32.769, 291.737

Tritanomaly
55, 16.795, 297.138

Monochromacy



Original Color
55, 36.114, 302.193

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 12.811, 300.030

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 36.114, 302.193 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(138, 123, 185)` looks like.

```
.text, #text, p{  
    color:rgb(138, 123, 185)  
}
```

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(138, 123, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 123, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 36.114, 302.193 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(138, 123, 185) }
```

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

```
.border{ border-color:rgb(138, 123, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 123, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 123, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 123, 185);  
box-shadow:4px 4px 4px 4px rgb(138, 123,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 36.114, 302.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 123, 185) }
```

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

```
.background{ background-color: rgb(138,  
123, 185) }
```

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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