

Converting Colors

CIELCh(55, 43.191, 353.376)

Have a look what the booklet for
CIELCh(55, 43.191, 353.376)
contains.

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Color

CIELCh(55, 42.904, 353.112)

Conversions

Conversions Part 1

Format	Color
Hex	C4658E
RGB	196, 101, 142
RGB Percent	77%, 40%, 56%
CMY	0.2321, 0.6046, 0.4438
CMYK	0.00, 0.49, 0.28, 0.23
HSL	334°, 45%, 58%
HSV	334°, 49%, 77%
XYZ	32.2195, 22.9298, 28.2492
YIQ	134.0790, 43.4590, 32.8910

Conversions

Conversions Part 2

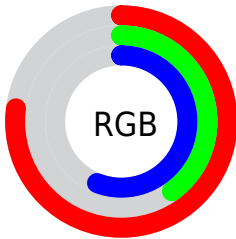
Format	Color
RYB	196, 101, 142
Decimal	12871054
CIELab	55.00, 42.59, -5.15
CIELCh	55, 42.904, 353.112
Yxy	22.9298, 0.3863, 0.2749
Android (android.graphics.Color)	4291061134 (0xFFC4658E)
YUV	134.0790, 3.9051, 54.3047
Hunter-Lab	47.8851, 36.3046, -1.4577

Details

The CIELCh color $55, 42.904, 353.112$ is a dark color, and the websafe version is hex $CC6699$. A complement of this color would be $73, 39.659, 162.340$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 43.276, 352.862$, and $35, 43.168, 353.103$ is the 20% darker color. If you saturate the color by 10%, you get $51, 50.928, 354.943$, and if you desaturate by 10%, it is $59, 34.216, 351.600$.

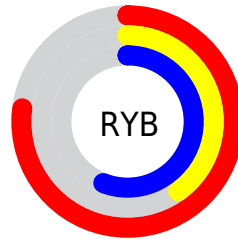
Distribution



Red (77%)

Green (40%)

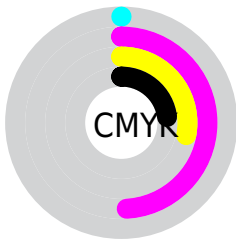
Blue (56%)



Red (77%)

Yellow (40%)

Blue (56%)

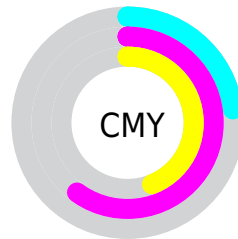


Cyan (0%)

Magenta (49%)

Yellow (28%)

Black (23%)



Cyan (23%)


Magenta (60%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 42.904, 353.112 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, 42.904, 353.112 by changing the saturation by 10% instead.


 55, 42.904,
353.112


 55, 42.904,
353.112


 100, 42.904,
353.112


 45, 42.904,
353.112


 75, 42.904,
353.112

 35, 42.904,
353.112

 85, 42.904,
353.112

 25, 42.904,
353.112

 95, 42.904,
353.112

 15, 42.904,
353.112

 5, 42.904, 353.112

 0, 42.904, 353.112

55, 42.904,
353.112

55, 42.904,
353.112

51, 50.928,
354.943

59, 34.216,
351.600

48, 57.856,
357.208

64, 25.236,
350.317

45, 63.257, 0.064

69, 16.227,
349.201

43, 66.876, 3.685

75, 7.360, 348.196

42, 68.960, 8.132

80, 1.264, 167.720

42, 69.261, 8.814

85, 9.594, 166.645

91, 17.612,
165.911

96, 23.936,
166.729

■ 96, 21.094,
179.576

Harmonies

Complementary

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



55, 42.904, 353.112



73, 39.659, 162.340

Rectangle

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



55, 42.904, 353.112



55, 42.904, 43.112



55, 42.904, 173.112



55, 42.904, 223.112

Sweetspot

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



55, 42.901, 353.113



90, 16.232, 348.864



52, 57.302, 313.589



47, 11.104, 349.084



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 42.901, 353.113



66, 62.505, 355.026



55, 39.479, 29.191



38, 4.870, 348.281



34, 59.781, 8.014



3, 15.301, 356.360

Inverse Universe

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



55, 42.901, 353.113



66, 62.505, 355.026



72, 27.366, 204.694



38, 4.870, 348.281



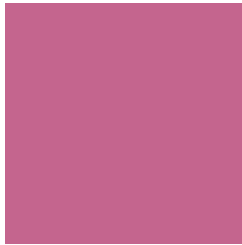
34, 59.781, 8.014



3, 15.301, 356.360

Previews

White Background



This preview shows how the CIELCh color 55, 42.904, 353.112 looks on a white background.

Color Contrast Check

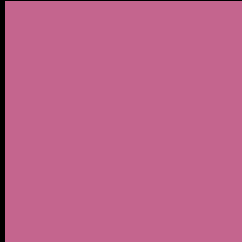
Large Text (above 18pt) WCAG AA ✓ Pass

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, 42.904, 353.112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

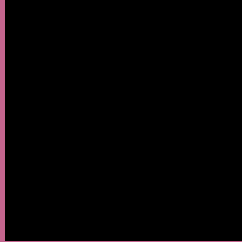
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 42.904, 353.112

Background



This preview shows how black text looks on a background with the CIELCh color 55, 42.904, 353.112.



This preview shows how white text looks on a background with the CIELCh color 55, 42.904, 353.112.

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, 42.904, 353.112

Protanopia

55, 17.307, 285.166

Deuteranopia

55, 7.882, 339.367



Tritanopia
55, 37.081, 17.317

Trichromacy



Original Color
55, 42.904, 353.112

Protanomaly
54, 22.852, 323.097

Deuteranomaly
55, 21.127, 347.381

Tritanomaly
55, 38.345, 7.698

Monochromacy



Original Color
55, 42.904, 353.112

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 16.021, 348.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 42.904, 353.112 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(196, 101, 142)` looks like.

```
.text, #text, p{  
    color:rgb(196, 101, 142)  
}
```

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(196, 101, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 101, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 42.904, 353.112 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(196, 101, 142) }
```

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

```
.border{ border-color:rgb(196, 101, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 101, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 101, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 101, 142); box-shadow:4px 4px 4px 4px rgb(196, 101, 142) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 42.904, 353.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 101, 142) }
```

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

```
.background{ background-color: rgb(196,  
101, 142) }
```

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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