

Converting Colors

CIELCh(55, 41.168, 21.754)

Have a look what the booklet for
CIELCh(55, 41.168, 21.754) contains.

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Color

CIELCh(55, 41.405, 21.721)

Conversions

Conversions Part 1

Format	Color
Hex	C7676B
RGB	199, 103, 107
RGB Percent	78%, 40%, 42%
CMY	0.2193, 0.5958, 0.5801
CMYK	0.00, 0.48, 0.46, 0.22
HSL	358°, 46%, 59%
HSV	358°, 48%, 78%
XYZ	31.0881, 22.9298, 16.7156
YIQ	132.1600, 55.9320, 21.5960

Conversions

Conversions Part 2

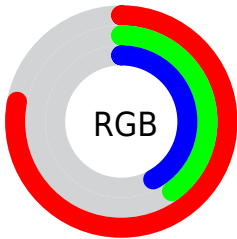
Format	Color
RYB	199, 103, 107
Decimal	13068139
CIELab	55.00, 38.47, 15.32
CIElCh	55, 41.405, 21.721
Yxy	22.9298, 0.4395, 0.3242
Android (android.graphics.Color)	4291258219 (0xFFC7676B)
YUV	132.1600, -12.4039, 58.6187
Hunter-Lab	47.8851, 32.0874, 12.8228

Details

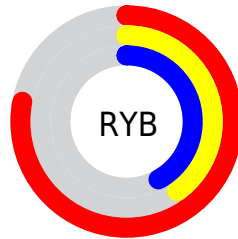
The CIELCh color **55, 41.405, 21.721** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **75, 30.041, 193.018**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 39.934, 21.694**, and **35, 41.294, 21.447** is the 20% darker color. If you saturate the color by 10%, you get **51, 51.073, 24.060**, and if you desaturate by 10%, it is **60, 31.911, 19.908**.

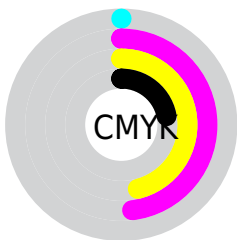
Distribution



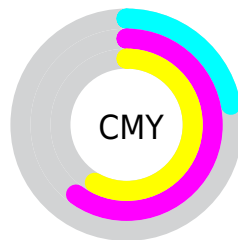
- Red (78%)
- Green (40%)
- Blue (42%)



- Red (78%)
- Yellow (40%)
- Blue (42%)



- Cyan (0%)
- Magenta (48%)
- Yellow (46%)
- Black (22%)



- Cyan (22%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 41.405, 21.721 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, 41.405, 21.721 by changing the saturation by 10% instead.

■ 55, 41.405, 21.721

■ 55, 41.405, 21.721

■ 100, 41.405,
21.721

■ 45, 41.405, 21.721

■ 75, 41.405, 21.721

■ 35, 41.405, 21.721

■ 85, 41.405, 21.721

■ 25, 41.405, 21.721

■ 95, 41.405, 21.721

■ 15, 41.405, 21.721

■ 5, 41.405, 21.721

■ 0, 41.405, 21.721

■ 55, 41.405, 21.721

■ 55, 41.405, 21.721

■ 51, 51.073, 24.060

■ 60, 31.911, 19.908

■ 47, 60.629, 27.021

■ 65, 22.808, 18.493

44, 69.720, 30.620

70, 14.217, 17.376

43, 77.867, 34.596

76, 6.186, 16.453

42, 84.145, 38.068

81, 1.286, 196.263

41, 85.033, 38.484

87, 8.227, 195.333

93, 14.684,
194.831

96, 18.382,
198.290

Harmonies

Complementary

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



55, 41.405, 21.721



75, 30.041, 193.018

Rectangle

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



55, 41.405, 21.721



55, 41.405, 71.721



55, 41.405, 201.721



55, 41.405, 251.721

Sweetspot

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



55, 41.403, 21.724



90, 13.159, 16.990



57, 61.029, 325.450



47, 9.158, 17.197



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, 41.403, 21.724



64, 62.268, 24.226



65, 33.986, 64.348



39, 4.280, 16.556



34, 72.986, 38.076



3, 15.904, 17.248

Inverse Universe

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



55, 41.403, 21.724



64, 62.268, 24.226



62, 28.212, 258.477



39, 4.280, 16.556



34, 72.986, 38.076



3, 15.904, 17.248

Previews

White Background



This preview shows how the CIELCh color 55, 41.405, 21.721 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, 41.405, 21.721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

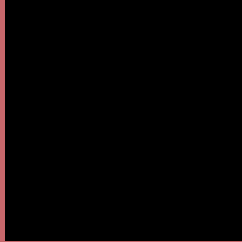
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 41.405, 21.721

Background



This preview shows how black text looks on a background with the CIELCh color 55, 41.405, 21.721.



This preview shows how white text looks on a background with the CIELCh color 55, 41.405, 21.721.

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, 41.405, 21.721

Protanopia

55, 6.602, 91.340

Deuteranopia

55, 18.541, 67.292



Tritanopia
55, 41.108, 19.408

Trichromacy



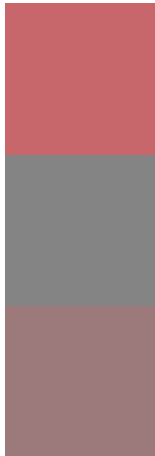
Original Color
55, 41.405, 21.721

Protanomaly
54, 16.835, 30.859

Deuteranomaly
55, 24.892, 40.250

Tritanomaly
55, 41.199, 20.183

Monochromacy



Original Color
55, 41.405, 21.721

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 14.542, 16.554

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 41.405, 21.721 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(199, 103, 107)` looks like.

```
.text, #text, p{  
    color:rgb(199, 103, 107)  
}
```

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(199, 103, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 103, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 41.405, 21.721 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(199, 103, 107) }
```

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

```
.border{ border-color:rgb(199, 103, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 103, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 103, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 103, 107);  
box-shadow:4px 4px 4px 4px rgb(199, 103,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 41.405, 21.721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 103, 107) }
```

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

```
.background{ background-color: rgb(199,  
103, 107) }
```

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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