

Converting Colors

CIELCh(55, 48.615, 2.156)

Have a look what the booklet for
CIELCh(55, 48.615, 2.156) contains.

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Color

CIELCh(55, 48.328, 2.285)

Conversions

Conversions Part 1

Format	Color
Hex	CF5E82
RGB	207, 94, 130
RGB Percent	81%, 37%, 51%
CMY	0.1877, 0.6308, 0.4897
CMYK	0.00, 0.55, 0.37, 0.19
HSL	341°, 54%, 59%
HSV	341°, 55%, 81%
XYZ	33.8244, 22.9298, 23.8062
YIQ	131.8910, 55.7920, 35.1520

Conversions

Conversions Part 2

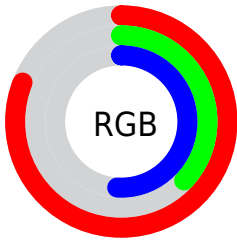
Format	Color
R_{YB}	207, 94, 130
Decimal	13590146
CIE _{Lab}	55.00, 48.29, 1.93
CIE _{LCh}	55, 48.328, 2.285
Yxy	22.9298, 0.4199, 0.2846
Android (android.graphics.Color)	4291780226 (0xFFCF5E82)
YUV	131.8910, -0.9323, 65.8706
Hunter-Lab	47.8851, 42.2874, 4.0434

Details

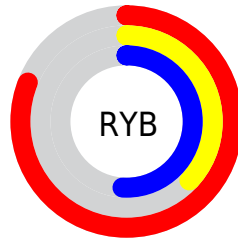
The CIELCh color **55, 48.328, 2.285** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **76, 41.617, 168.623**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 44.242, 359.287**, and **35, 48.200, 2.320** is the 20% darker color. If you saturate the color by 10%, you get **51, 56.320, 4.807**, and if you desaturate by 10%, it is **59, 39.597, 0.272**.

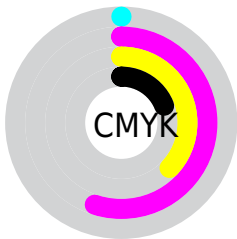
Distribution



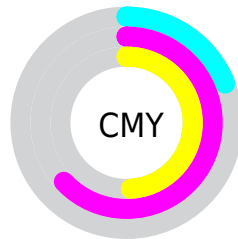
- Red (81%)
- Green (37%)
- Blue (51%)



- Red (81%)
- Yellow (37%)
- Blue (51%)



- Cyan (0%)
- Magenta (55%)
- Yellow (37%)
- Black (19%)



- Cyan (19%)
- Magenta (63%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 48.328, 2.285 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, 48.328, 2.285 by changing the saturation by 10% instead.

 55, 48.328, 2.285

 55, 48.328, 2.285

 100, 48.328, 2.285

 45, 48.328, 2.285

 75, 48.328, 2.285

 35, 48.328, 2.285

 85, 48.328, 2.285

 25, 48.328, 2.285

 95, 48.328, 2.285

 15, 48.328, 2.285

 5, 48.328, 2.285

 0, 48.328, 2.285

 55, 48.328, 2.285

 55, 48.328, 2.285

 51, 56.320, 4.807

 59, 39.597, 0.272

 48, 63.169, 7.998

 64, 30.529,



Harmonies

Complementary

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



55, 48.328, 2.285



76, 41.617, 168.623

Rectangle

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



55, 48.328, 2.285



55, 48.328, 52.285



55, 48.328, 182.285



55, 48.328, 232.285

Sweetspot

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



55, 48.325, 2.287



89, 16.296, 356.261



53, 67.938, 316.926



46, 11.043, 356.498



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, 48.325, 2.287



62, 66.940, 5.159



58, 44.291, 37.424



41, 4.857, 355.523



35, 63.573, 18.994



4, 20.568, 4.615

Inverse Universe

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



55, 48.325, 2.287



62, 66.940, 5.159



72, 28.880, 218.538



41, 4.857, 355.523



35, 63.573, 18.994



4, 20.568, 4.615

Previews

White Background



This preview shows how the CIELCh color 55, 48.328, 2.285 looks on a white background.

Color Contrast Check

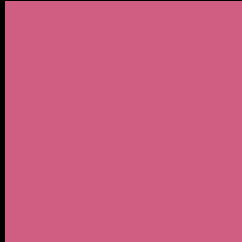
Large Text (above 18pt) WCAG AA ✓ Pass

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, 48.328, 2.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

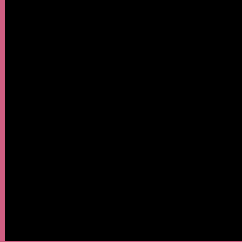
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 48.328, 2.285

Background



This preview shows how black text looks on a background with the CIELCh color 55, 48.328, 2.285.

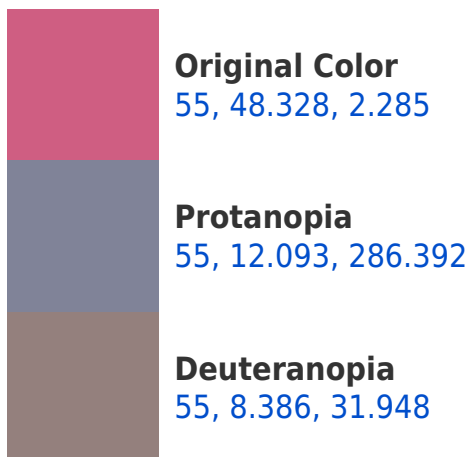


This preview shows how white text looks on a background with the CIELCh color 55, 48.328, 2.285.

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





Tritanopia
55, 45.550, 20.701

Trichromacy



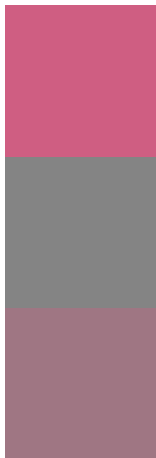
Original Color
55, 48.328, 2.285

Protanomaly
54, 21.285, 337.455

Deuteranomaly
55, 22.999, 6.504

Tritanomaly
55, 46.129, 13.525

Monochromacy



Original Color
55, 48.328, 2.285

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 18.148, 357.447

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 48.328, 2.285 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(207, 94, 130)` looks like.

```
.text, #text, p{  
    color:rgb(207, 94, 130)  
}
```

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(207, 94, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 94, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 48.328, 2.285 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(207, 94, 130) }
```

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

```
.border{ border-color:rgb(207, 94, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 94, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 94, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 94, 130);  
box-shadow:4px 4px 4px 4px rgb(207, 94,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 48.328, 2.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 94, 130) }
```

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

```
.background{ background-color: rgb(207, 94,  
130) }
```

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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