

Converting Colors

CIELCh(55, 58.243, 3.253)

Have a look what the booklet for
CIELCh(55, 58.243, 3.253) contains.

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Color

CIELCh(55, 58.114, 3.459)

Conversions

Conversions Part 1

Format	Color
Hex	DD5280
RGB	221, 82, 128
RGB Percent	87%, 32%, 50%
CMY	0.1338, 0.6788, 0.4984
CMYK	0.00, 0.63, 0.42, 0.13
HSL	340°, 67%, 59%
HSV	340°, 63%, 87%
XYZ	36.6847, 22.9298, 22.8822
YIQ	128.8050, 68.0780, 43.7740

Conversions

Conversions Part 2

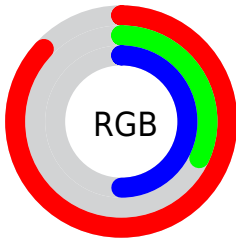
Format	Color
R_{YB}	221, 82, 128
Decimal	14504576
CIE _{Lab}	55.00, 58.01, 3.51
CIE _{LCh}	55, 58.114, 3.459
Yxy	22.9298, 0.4447, 0.2779
Android (android.graphics.Color)	4292694656 (0xFFDD5280)
YUV	128.8050, -0.3969, 80.8550
Hunter-Lab	47.8851, 52.9496, 5.1875

Details

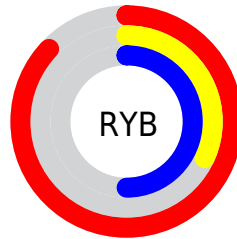
The CIELCh color **55, 58.114, 3.459** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **80, 49.652, 166.452**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 49.056, 357.139**, and **35, 58.087, 3.454** is the 20% darker color. If you saturate the color by 10%, you get **52, 65.433, 6.510**, and if you desaturate by 10%, it is **59, 49.594, 1.052**.

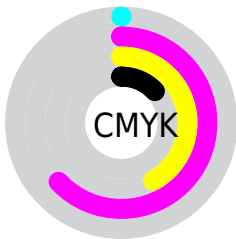
Distribution



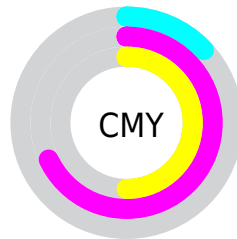
- Red (87%)
- Green (32%)
- Blue (50%)



- Red (87%)
- Yellow (32%)
- Blue (50%)



- Cyan (0%)
- Magenta (63%)
- Yellow (42%)
- Black (13%)



- Cyan (13%)
- Magenta (68%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 58.114, 3.459 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, 58.114, 3.459 by changing the saturation by 10% instead.

 55, 58.114, 3.459  55, 58.114, 3.459

 100, 58.114, 3.459  45, 58.114, 3.459

 75, 58.114, 3.459  35, 58.114, 3.459

 85, 58.114, 3.459  25, 58.114, 3.459

 95, 58.114, 3.459  15, 58.114, 3.459

 5, 58.114, 3.459

 0, 58.114, 3.459

 55, 58.114, 3.459  55, 58.114, 3.459

 52, 65.433, 6.510  59, 49.594, 1.052

 49, 71.217, 10.376  64, 40.336,

47, 75.427, 15.180

359.119

47, 77.861, 18.990

69, 30.747,
357.535

75, 21.139,
356.204

80, 11.717,
355.055

86, 2.601, 353.922

92, 6.152, 173.330

97, 12.625,
177.579

98, 11.514,
198.737

Harmonies

Complementary

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



55, 58.114, 3.459



80, 49.652, 166.452

Rectangle

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



55, 58.114, 3.459



55, 58.114, 53.459



55, 58.114, 183.459



55, 58.114, 233.459

Sweetspot

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



55, 58.111, 3.461



87, 19.572, 355.754



52, 81.553, 317.148



45, 13.532, 356.097



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, 58.111, 3.461



58, 75.521, 7.833



58, 55.480, 38.325



43, 5.085, 354.681



36, 64.708, 17.975



6, 23.990, 5.277

Inverse Universe

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



55, 58.111, 3.461



58, 75.521, 7.833



74, 33.261, 219.698



43, 5.085, 354.681



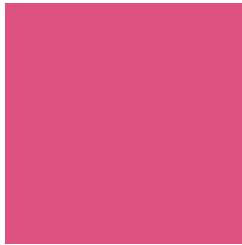
36, 64.708, 17.975



6, 23.990, 5.277

Previews

White Background



This preview shows how the CIELCh color 55, 58.114, 3.459 looks on a white background.

Color Contrast Check

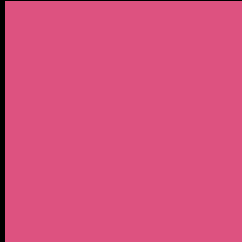
Large Text (above 18pt) WCAG AA ✓ Pass

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, 58.114, 3.459 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, 58.114, 3.459

Background



This preview shows how black text looks on a background with the CIELCh color 55, 58.114, 3.459.

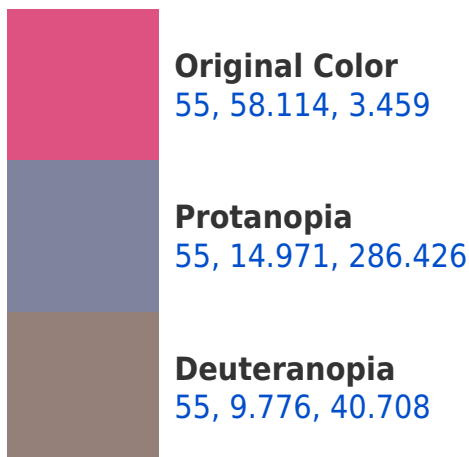


This preview shows how white text looks on a background with the CIELCh color 55, 58.114, 3.459.

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, 56.312, 24.134

Trichromacy



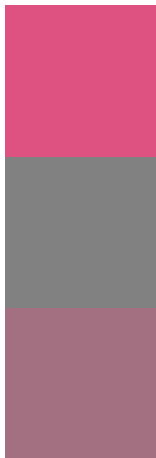
Original Color
55, 58.114, 3.459

Protanomaly
53, 26.456, 336.937

Deuteranomaly
54, 27.356, 7.302

Tritanomaly
55, 56.304, 16.366

Monochromacy



Original Color
55, 58.114, 3.459

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 22.419, 356.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 58.114, 3.459 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(221, 82, 128)` looks like.

```
.text, #text, p{  
    color:rgb(221, 82, 128)  
}
```

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(221, 82, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 82, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 58.114, 3.459 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(221, 82, 128) }
```

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

```
.border{ border-color:rgb(221, 82, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 82, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 82, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 82, 128);  
box-shadow:4px 4px 4px 4px rgb(221, 82,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 58.114, 3.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 82, 128) }
```

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

```
.background{ background-color: rgb(221, 82,  
128) }
```

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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