

Converting Colors

CIELCh(55, 65.515, 5.738)

Have a look what the booklet for
CIELCh(55, 65.515, 5.738) contains.

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Color

CIELCh(55, 65.521, 5.647)

Conversions

Conversions Part 1

Format	Color
Hex	E7467B
RGB	231, 70, 123
RGB Percent	91%, 27%, 48%
CMY	0.0925, 0.7238, 0.5163
CMYK	0.00, 0.70, 0.47, 0.09
HSL	340°, 77%, 59%
HSV	340°, 70%, 91%
XYZ	38.9031, 22.9298, 21.2260
YIQ	124.1810, 78.9430, 50.6150

Conversions

Conversions Part 2

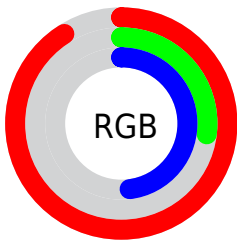
Format	Color
RYB	231, 70, 123
Decimal	15156859
CIELab	55.00, 65.20, 6.45
CIElCh	55, 65.521, 5.647
Yxy	22.9298, 0.4684, 0.2761
Android (android.graphics.Color)	4293346939 (0xFFE7467B)
YUV	124.1810, -0.5822, 93.6803
Hunter-Lab	47.8851, 61.2190, 7.2381

Details

The CIELCh color **55, 65.521, 5.647** 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 **83, 55.369, 165.476**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 52.682, 357.967**, and **36, 62.311, 7.336** is the 20% darker color. If you saturate the color by 10%, you get **52, 72.071, 9.261**, and if you desaturate by 10%, it is **59, 57.458, 2.806**.

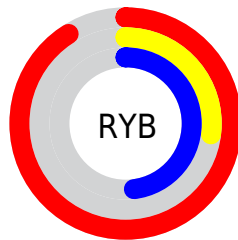
Distribution



Red (91%)

Green (27%)

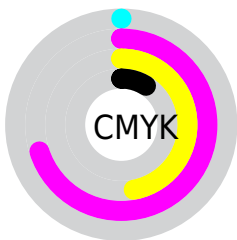
Blue (48%)



Red (91%)

Yellow (27%)

Blue (48%)

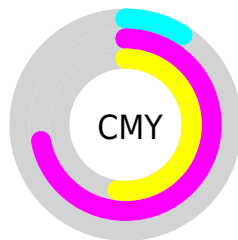


Cyan (0%)

Magenta (70%)

Yellow (47%)

Black (9%)



Cyan (9%)

Magenta (72%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 65.521, 5.647 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, 65.521, 5.647 by changing the saturation by 10% instead.

 55, 65.521, 5.647

 55, 65.521, 5.647

 100, 65.521, 5.647

 45, 65.521, 5.647

 75, 65.521, 5.647

 35, 65.521, 5.647

 85, 65.521, 5.647

 25, 65.521, 5.647

 95, 65.521, 5.647

 15, 65.521, 5.647

 5, 65.521, 5.647

 0, 65.521, 5.647

 55, 65.521, 5.647

 55, 65.521, 5.647

 52, 72.071, 9.261

 59, 57.458, 2.806

 50, 76.961, 13.792

 63, 48.310, 0.552

■ 49, 80.620, 19.146

■ 69, 38.541,
358.735

■ 49, 80.783, 19.377

■ 74, 28.550,
357.235

■ 80, 18.624,
355.966

■ 86, 8.944, 354.854

■ 92, 0.390, 175.306

■ 98, 9.034, 174.289

■ 98, 8.049, 198.979

Harmonies

Complementary

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



55, 65.521, 5.647



83, 55.369, 165.476

Rectangle

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



55, 65.521, 5.647



55, 65.521, 55.647



55, 65.521, 185.647



55, 65.521, 235.647

Sweetspot

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



55, 65.517, 5.649



86, 21.679, 356.150



51, 92.131, 317.242



44, 14.736, 356.490



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, 65.517, 5.649



56, 79.805, 10.902



58, 65.059, 39.185



45, 5.273, 354.842



38, 66.209, 18.325



7, 26.696, 6.851

Inverse Universe

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



55, 65.517, 5.649



56, 79.805, 10.902



76, 36.414, 220.840



45, 5.273, 354.842



38, 66.209, 18.325



7, 26.696, 6.851

Previews

White Background



This preview shows how the CIELCh color 55, 65.521, 5.647 looks on a white background.

Color Contrast Check

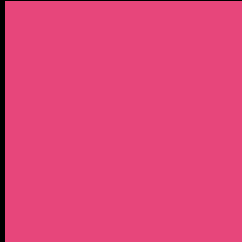
Large Text (above 18pt) WCAG AA ✓ Pass

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, 65.521, 5.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

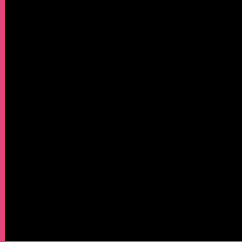
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 65.521, 5.647

Background



This preview shows how black text looks on a background with the CIELCh color 55, 65.521, 5.647.

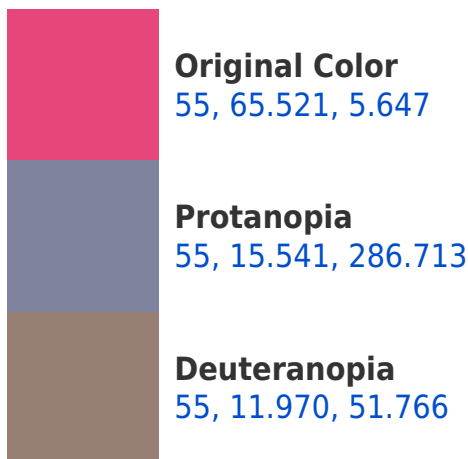


This preview shows how white text looks on a background with the CIELCh color 55, 65.521, 5.647.

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](#).

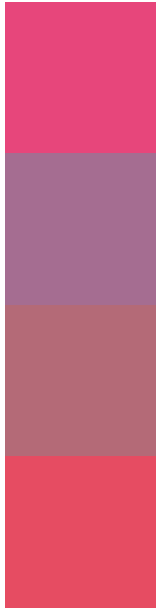
Dichromacy





Tritanopia
55, 65.336, 26.900

Trichromacy



Original Color
55, 65.521, 5.647

Protanomaly
53, 29.788, 339.325

Deuteranomaly
53, 31.612, 10.170

Tritanomaly
55, 64.335, 19.404

Monochromacy



Original Color
55, 65.521, 5.647

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 26.335, 358.503

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 65.521, 5.647 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(231, 70, 123)` looks like.

```
.text, #text, p{  
    color:rgb(231, 70, 123)  
}
```

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(231, 70, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 70, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 65.521, 5.647 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(231, 70, 123) }
```

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

```
.border{ border-color:rgb(231, 70, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 70, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 70, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 70, 123);  
box-shadow:4px 4px 4px 4px rgb(231, 70,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 65.521, 5.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 70, 123) }
```

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

```
.background{ background-color: rgb(231, 70,  
123) }
```

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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