

Converting Colors

CIELCh(55, 67.652, 356.666)

Have a look what the booklet for
CIELCh(55, 67.652, 356.666)
contains.

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Color

CIELCh(55, 67.722, 356.720)

Conversions

Conversions Part 1

Format	Color
Hex	E7448D
RGB	231, 68, 141
RGB Percent	91%, 27%, 55%
CMY	0.0956, 0.7348, 0.4483
CMYK	0.00, 0.71, 0.39, 0.10
HSL	333°, 77%, 58%
HSV	333°, 71%, 90%
XYZ	39.6650, 22.9298, 27.4133
YIQ	125.0590, 73.7150, 57.2590

Conversions

Conversions Part 2

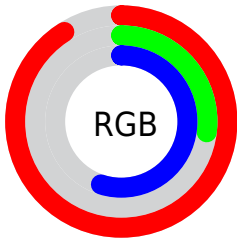
Format	Color
R_{YB}	231, 68, 141
Decimal	15156365
CIE _{Lab}	55.00, 67.61, -3.87
CIE _{LCh}	55, 67.722, 356.720
Yxy	22.9298, 0.4407, 0.2548
Android (android.graphics.Color)	4293346445 (0xFFE7448D)
YUV	125.0590, 7.8589, 92.9103
Hunter-Lab	47.8851, 64.0593, -0.4228

Details

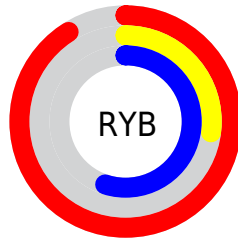
The CIELCh color **55, 67.722, 356.720** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **82, 62.856, 157.769**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 57.367, 347.701**, and **37, 63.068, 358.426** is the 20% darker color. If you saturate the color by 10%, you get **52, 73.219, 359.705**, and if you desaturate by 10%, it is **59, 60.293, 354.365**.

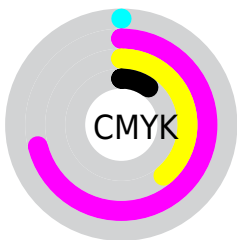
Distribution



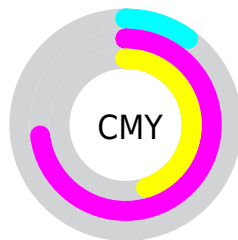
- Red (91%)
- Green (27%)
- Blue (55%)



- Red (91%)
- Yellow (27%)
- Blue (55%)



- Cyan (0%)
- Magenta (71%)
- Yellow (39%)
- Black (10%)





- Cyan (10%)
- Magenta (73%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 67.722, 356.720 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, 67.722, 356.720 by changing the saturation by 10% instead.


 55, 67.722,
356.720


 55, 67.722,
356.720


 100, 67.722,
356.720


 45, 67.722,
356.720


 75, 67.722,
356.720

 35, 67.722,
356.720

 85, 67.722,
356.720

 25, 67.722,
356.720

 95, 67.722,
356.720

 15, 67.722,
356.720

 5, 67.722, 356.720

 0, 67.722, 356.720

55, 67.722,
356.720

55, 67.722,
356.720

52, 73.219,
359.705

59, 60.293,
354.365

50, 76.591, 3.491

63, 51.414,
352.471

49, 78.265, 7.746

68, 41.614,
350.913

73, 31.351,
349.597

79, 20.969,
348.457

85, 10.697,
347.441

91, 0.674, 345.897

97, 9.026, 165.850

Harmonies

Complementary

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



55, 67.722, 356.720



82, 62.856, 157.769

Rectangle

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



55, 67.722, 356.720



55, 67.722, 46.720



55, 67.722, 176.720



55, 67.722, 226.720

Sweetspot

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



55, 67.718, 356.721



86, 23.114, 348.504



48, 93.363, 313.849



44, 15.685, 348.808



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, 67.718, 356.721



57, 81.023, 1.409



55, 70.594, 32.996



45, 5.658, 347.321



38, 64.598, 6.850



7, 27.180, 358.860

Inverse Universe

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



55, 67.718, 356.721



57, 81.023, 1.409



82, 39.875, 203.094



45, 5.658, 347.321



38, 64.598, 6.850



7, 27.180, 358.860

Previews

White Background



This preview shows how the CIELCh color 55, 67.722, 356.720 looks on a white background.

Color Contrast Check

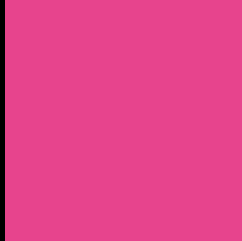
Large Text (above 18pt) WCAG AA ✓ Pass

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, 67.722, 356.720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

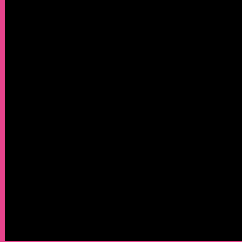
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 67.722, 356.720

Background



This preview shows how black text looks on a background with the CIELCh color 55, 67.722, 356.720.

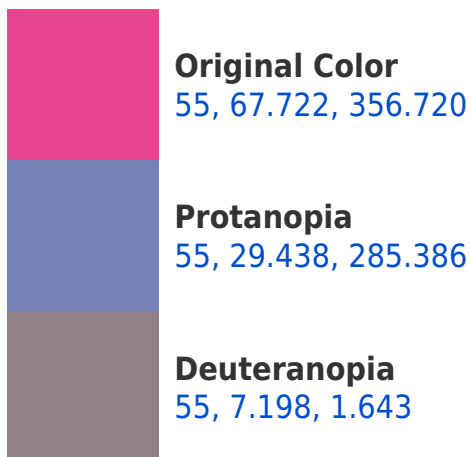


This preview shows how white text looks on a background with the CIELCh color 55, 67.722, 356.720.

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](#).

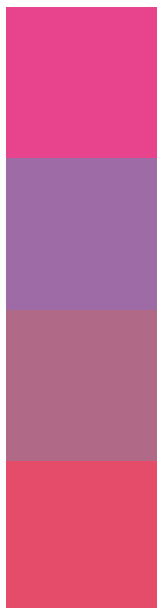
Dichromacy





Tritanopia
55, 63.580, 26.458

Trichromacy



Original Color
55, 67.722, 356.720

Protanomaly
52, 38.637, 322.315

Deuteranomaly
53, 32.130, 352.853

Tritanomaly
55, 62.815, 15.079

Monochromacy



Original Color
55, 67.722, 356.720

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 28.074, 349.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 67.722, 356.720 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, 68, 141)` looks like.

```
.text, #text, p{  
    color:rgb(231, 68, 141)  
}
```

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, 68, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 68, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 67.722, 356.720 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, 68, 141) }
```

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

```
.border{ border-color:rgb(231, 68, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 68, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 68, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 68, 141);  
box-shadow:4px 4px 4px 4px rgb(231, 68,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 67.722, 356.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 68, 141) }
```

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

```
.background{ background-color: rgb(231, 68,  
141) }
```

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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