

Converting Colors

CIELCh(55, 63.526, 7.696)

Have a look what the booklet for
CIELCh(55, 63.526, 7.696) contains.

CIELCh(55, 63.432, 7.565)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(55, 63.432, 7.565)

Conversions

Conversions Part 1

Format	Color
Hex	E54A78
RGB	229, 74, 120
RGB Percent	90%, 29%, 47%
CMY	0.1017, 0.7095, 0.5292
CMYK	0.00, 0.68, 0.48, 0.10
HSL	342°, 75%, 59%
HSV	342°, 68%, 90%
XYZ	38.1773, 22.9298, 20.1978
YIQ	125.5890, 77.6140, 47.1660

Conversions

Conversions Part 2

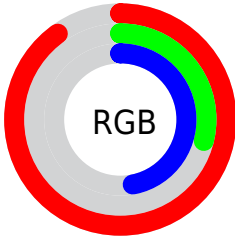
Format	Color
R_{YB}	229, 74, 120
Decimal	15026808
CIE _{Lab}	55.00, 62.88, 8.35
CIE _{LCh}	55, 63.432, 7.565
Yxy	22.9298, 0.4696, 0.2820
Android (android.graphics.Color)	4293216888 (0xFFE54A78)
YUV	125.5890, -2.7554, 90.6914
Hunter-Lab	47.8851, 58.5135, 8.5113

Details

The CIELCh color **55, 63.432, 7.565** 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 **82, 52.179, 168.112**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 50.831, 0.589**, and **36, 61.802, 8.504** is the 20% darker color. If you saturate the color by 10%, you get **52, 70.523, 11.154**, and if you desaturate by 10%, it is **59, 55.020, 4.741**.

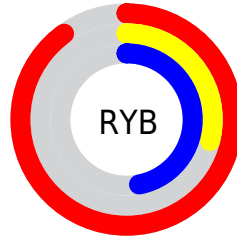
Distribution



Red (90%)

Green (29%)

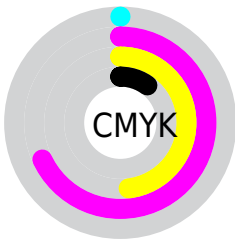
Blue (47%)



Red (90%)

Yellow (29%)

Blue (47%)

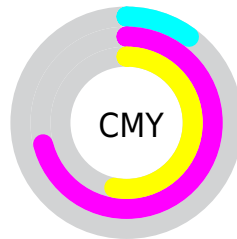


Cyan (0%)

Magenta (68%)

Yellow (48%)

Black (10%)



Cyan (10%)


Magenta (71%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 63.432, 7.565 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, 63.432, 7.565 by changing the saturation by 10% instead.

 55, 63.432, 7.565  55, 63.432, 7.565

 100, 63.432, 7.565  45, 63.432, 7.565

 75, 63.432, 7.565  35, 63.432, 7.565


 85, 63.432, 7.565  25, 63.432, 7.565

 95, 63.432, 7.565  15, 63.432, 7.565

 5, 63.432, 7.565

 0, 63.432, 7.565

 55, 63.432, 7.565  55, 63.432, 7.565

 52, 70.523, 11.154  59, 55.020, 4.741

 50, 76.099, 15.648  64, 45.714, 2.501

49, 80.387, 21.014

69, 35.949, 0.695

48, 81.379, 22.281

74, 26.086,
359.207

80, 16.374,
357.950

86, 6.964, 356.840

92, 2.067, 176.244

98, 9.502, 179.822

98, 8.833, 198.922

Harmonies

Complementary

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



55, 63.432, 7.565



82, 52.179, 168.112

Rectangle

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



55, 63.432, 7.565



55, 63.432, 57.565



55, 63.432, 187.565



55, 63.432, 237.565

Sweetspot

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



55, 63.428, 7.567



87, 20.315, 358.241



52, 89.363, 318.236



44, 13.930, 358.590



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, 63.428, 7.567



57, 78.982, 12.756



59, 61.238, 41.187



45, 5.187, 357.035



37, 67.146, 21.255



7, 26.655, 8.686

Inverse Universe

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



55, 63.428, 7.567



57, 78.982, 12.756



75, 35.317, 226.036



45, 5.187, 357.035



37, 67.146, 21.255



7, 26.655, 8.686

Previews

White Background



This preview shows how the CIELCh color 55, 63.432, 7.565 looks on a white background.

Color Contrast Check

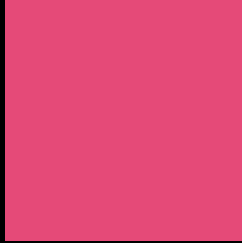
Large Text (above 18pt) WCAG AA ✓ Pass

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, 63.432, 7.565 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, 63.432, 7.565

Background



This preview shows how black text looks on a background with the CIELCh color 55, 63.432, 7.565.



This preview shows how white text looks on a background with the CIELCh color 55, 63.432, 7.565.

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, 63.432, 7.565

Protanopia

55, 12.072, 288.125

Deuteranopia

55, 13.389, 56.696



Tritanopia
55, 63.580, 26.458

Trichromacy



Original Color
55, 63.432, 7.565

Protanomaly
53, 27.482, 344.213

Deuteranomaly
54, 30.663, 14.889

Tritanomaly
55, 62.959, 19.721

Monochromacy



Original Color
55, 63.432, 7.565

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 24.817, 359.562

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 63.432, 7.565 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(229, 74, 120)` looks like.

```
.text, #text, p{  
    color:rgb(229, 74, 120)  
}
```

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(229, 74, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 74, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 63.432, 7.565 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(229, 74, 120) }
```

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

```
.border{ border-color:rgb(229, 74, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 74, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 74, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 74, 120); box-shadow:4px 4px 4px 4px rgb(229, 74, 120) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 63.432, 7.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 74, 120) }
```

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

```
.background{ background-color: rgb(229, 74,  
120) }
```

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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