

Converting Colors

CIELCh(55, 62.433, 3.159)

Have a look what the booklet for
CIELCh(55, 62.433, 3.159) contains.

CIELCh(55, 62.366, 3.466)	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, 62.366, 3.466)

Conversions

Conversions Part 1

Format	Color
Hex	E34C80
RGB	227, 76, 128
RGB Percent	89%, 30%, 50%
CMY	0.1114, 0.7035, 0.4994
CMYK	0.00, 0.67, 0.44, 0.11
HSL	339°, 73%, 59%
HSV	339°, 67%, 89%
XYZ	37.9827, 22.9298, 22.7301
YIQ	127.0770, 73.3040, 48.1840

Conversions

Conversions Part 2

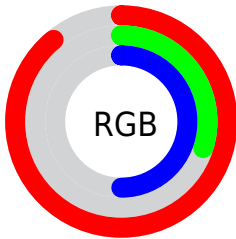
Format	Color
R_{YB}	227, 76, 128
Decimal	14896256
CIE _{Lab}	55.00, 62.25, 3.77
CIE _{LCh}	55, 62.366, 3.466
Yxy	22.9298, 0.4541, 0.2741
Android (android.graphics.Color)	4293086336 (0xFFE34C80)
YUV	127.0770, 0.4550, 87.6325
Hunter-Lab	47.8851, 57.7880, 5.3759

Details

The CIELCh color **55, 62.366, 3.466** 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 **81, 53.610, 164.887**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 51.600, 355.700**, and **36, 61.556, 4.201** is the 20% darker color. If you saturate the color by 10%, you get **52, 69.165, 6.747**, and if you desaturate by 10%, it is **59, 54.136, 0.884**.

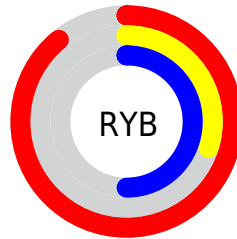
Distribution



Red (89%)

Green (30%)

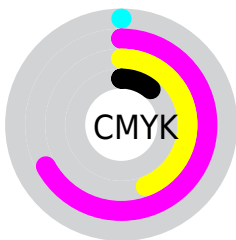
Blue (50%)



Red (89%)

Yellow (30%)

Blue (50%)

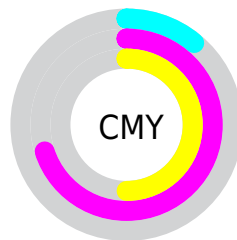


Cyan (0%)

Magenta (67%)

Yellow (44%)

Black (11%)



Cyan (11%)

Magenta (70%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 62.366, 3.466 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, 62.366, 3.466 by changing the saturation by 10% instead.

 55, 62.366, 3.466  55, 62.366, 3.466

 100, 62.366, 3.466  45, 62.366, 3.466

 75, 62.366, 3.466  35, 62.366, 3.466

 85, 62.366, 3.466  25, 62.366, 3.466

 95, 62.366, 3.466  15, 62.366, 3.466

 5, 62.366, 3.466

 0, 62.366, 3.466

 55, 62.366, 3.466  55, 62.366, 3.466

 52, 69.165, 6.747  59, 54.136, 0.884

 50, 74.278, 10.896  64, 44.939,

48, 77.846, 15.986 358.822

48, 78.964, 17.787 69, 35.225,
357.143

74, 25.363,
355.743

80, 15.607,
354.545

86, 6.112, 353.467

92, 3.037, 172.813

98, 10.791,
174.897

98, 9.648, 198.865

Harmonies

Complementary

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



55, 62.366, 3.466



81, 53.610, 164.887

Rectangle

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



55, 62.366, 3.466



55, 62.366, 53.466



55, 62.366, 183.466



55, 62.366, 233.466

Sweetspot

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



55, 62.363, 3.468



87, 20.774, 354.946



51, 87.428, 316.709



44, 14.233, 355.283



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, 62.363, 3.468



57, 78.024, 8.251



58, 61.309, 37.697



44, 5.221, 353.767



37, 65.102, 16.755



6, 25.466, 5.175

Inverse Universe

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



55, 62.363, 3.468



57, 78.024, 8.251



76, 35.298, 217.628



44, 5.221, 353.767



37, 65.102, 16.755



6, 25.466, 5.175

Previews

White Background



This preview shows how the CIELCh color 55, 62.366, 3.466 looks on a white background.

Color Contrast Check

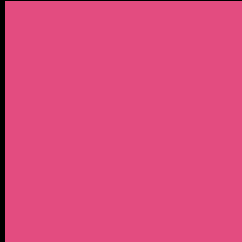
Large Text (above 18pt) WCAG AA ✓ Pass

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, 62.366, 3.466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

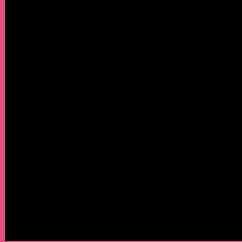
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 62.366, 3.466

Background



This preview shows how black text looks on a background with the CIELCh color 55, 62.366, 3.466.



This preview shows how white text looks on a background with the CIELCh color 55, 62.366, 3.466.

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, 62.366, 3.466

Protanopia

55, 16.707, 286.034

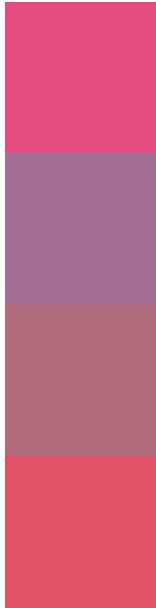
Deuteranopia

55, 10.020, 43.676



Tritanopia
55, 60.931, 25.793

Trichromacy



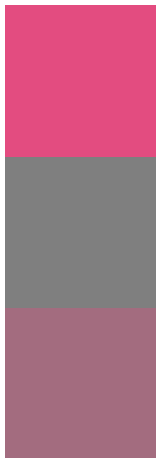
Original Color
55, 62.366, 3.466

Protanomaly
53, 29.055, 336.066

Deuteranomaly
53, 29.616, 6.637

Tritanomaly
55, 60.298, 17.641

Monochromacy



Original Color
55, 62.366, 3.466

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 24.759, 356.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 62.366, 3.466 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(227, 76, 128)` looks like.

```
.text, #text, p{  
    color:rgb(227, 76, 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(227, 76, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 76, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 62.366, 3.466 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(227, 76, 128) }
```

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

```
.border{ border-color:rgb(227, 76, 128) }
```

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

Here you see how a box with a 4 pixel rgb(227, 76, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 76, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 76, 128);  
box-shadow:4px 4px 4px 4px rgb(227, 76,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 62.366, 3.466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 76, 128) }
```

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

```
.background{ background-color: rgb(227, 76,  
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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