

Converting Colors

CIELCh(55, 61.271, 9.930)

Have a look what the booklet for
CIELCh(55, 61.271, 9.930) contains.

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Color

CIELCh(55, 61.344, 10.203)

Conversions

Conversions Part 1

Format	Color
Hex	E34E74
RGB	227, 78, 116
RGB Percent	89%, 31%, 45%
CMY	0.1112, 0.6954, 0.5462
CMYK	0.00, 0.66, 0.49, 0.11
HSL	345°, 72%, 60%
HSV	345°, 66%, 89%
XYZ	37.4046, 22.9298, 18.8908
YIQ	126.8830, 76.6060, 43.4060

Conversions

Conversions Part 2

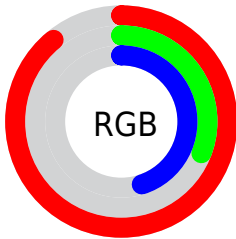
Format	Color
R_{YB}	227, 78, 116
Decimal	14896756
CIE Lab	55.00, 60.37, 10.87
CIE LCh	55, 61.344, 10.203
Yxy	22.9298, 0.4721, 0.2894
Android (android.graphics.Color)	4293086836 (0xFFE34E74)
YUV	126.8830, -5.3653, 87.8026
Hunter-Lab	47.8851, 55.6330, 10.1295

Details

The CIELCh color **55, 61.344, 10.203** 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, 48.720, 171.603**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 49.002, 4.035**, and **35, 61.253, 10.356** is the 20% darker color. If you saturate the color by 10%, you get **52, 69.037, 13.768**, and if you desaturate by 10%, it is **59, 52.556, 7.395**.

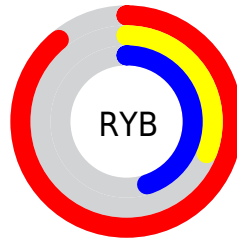
Distribution



Red (89%)

Green (31%)

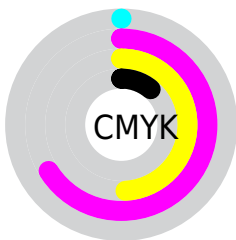
Blue (45%)



Red (89%)

Yellow (31%)

Blue (45%)

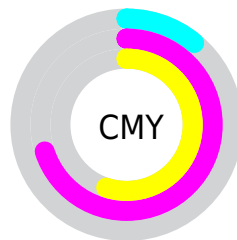


Cyan (0%)

Magenta (66%)

Yellow (49%)

Black (11%)



Cyan (11%)

Magenta (70%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 61.344, 10.203 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, 61.344, 10.203 by changing the saturation by 10% instead.

■ 55, 61.344, 10.203

■ 55, 61.344, 10.203

■ 100, 61.344,
10.203

■ 45, 61.344, 10.203

■ 75, 61.344, 10.203

■ 35, 61.344, 10.203

■ 85, 61.344, 10.203

■ 25, 61.344, 10.203

■ 95, 61.344, 10.203

■ 15, 61.344, 10.203

■ 5, 61.344, 10.203

■ 0, 61.344, 10.203

■ 55, 61.344, 10.203

■ 55, 61.344, 10.203

■ 52, 69.037, 13.768

■ 59, 52.556, 7.395

■ 49, 75.404, 18.216

■ 64, 43.087, 5.169

48, 80.536, 23.520

69, 33.336, 3.379

48, 82.614, 25.847

75, 23.619, 1.908

81, 14.146, 0.669

87, 5.036, 359.557

93, 3.656, 178.909

98, 9.985, 186.219

98, 9.630, 198.866

Harmonies

Complementary

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



55, 61.344, 10.203



82, 48.720, 171.603

Rectangle

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



55, 61.344, 10.203



55, 61.344, 60.203



55, 61.344, 190.203



55, 61.344, 240.203

Sweetspot

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



55, 61.341, 10.205



87, 19.980, 1.191



53, 86.600, 319.239



44, 13.710, 1.546



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, 61.341, 10.205



57, 78.281, 15.344



60, 57.558, 43.476



44, 4.995, 359.969



37, 67.874, 24.800



6, 25.301, 9.978

Inverse Universe

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



55, 61.341, 10.205



57, 78.281, 15.344



73, 34.442, 231.183



44, 4.995, 359.969



37, 67.874, 24.800



6, 25.301, 9.978

Previews

White Background



This preview shows how the CIELCh color 55, 61.344, 10.203 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, 61.344, 10.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

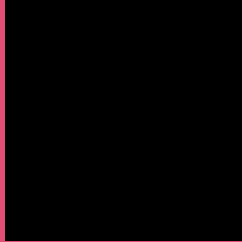
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 61.344, 10.203

Background



This preview shows how black text looks on a background with the CIELCh color 55, 61.344, 10.203.

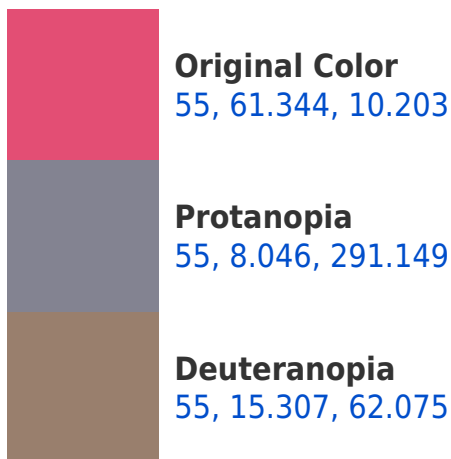


This preview shows how white text looks on a background with the CIELCh color 55, 61.344, 10.203.

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, 61.816, 26.015

Trichromacy



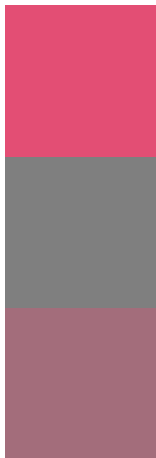
Original Color
55, 61.344, 10.203

Protanomaly
53, 24.914, 352.294

Deuteranomaly
54, 30.502, 21.065

Tritanomaly
55, 61.246, 20.391

Monochromacy



Original Color
55, 61.344, 10.203

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 23.552, 2.571

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 61.344, 10.203 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, 78, 116)` looks like.

```
.text, #text, p{  
    color:rgb(227, 78, 116)  
}
```

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, 78, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 78, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 61.344, 10.203 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, 78, 116) }
```

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

```
.border{ border-color:rgb(227, 78, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 78, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 78, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 78, 116);  
box-shadow:4px 4px 4px 4px rgb(227, 78,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 61.344, 10.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 78, 116) }
```

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

```
.background{ background-color: rgb(227, 78,  
116) }
```

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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