

Converting Colors

CIELCh(54, 55.498, 13.235)

Have a look what the booklet for
CIELCh(54, 55.498, 13.235) contains.

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Color

CIELCh(54, 55.336, 13.305)

Conversions

Conversions Part 1

Format	Color
Hex	D8546E
RGB	216, 84, 110
RGB Percent	85%, 33%, 43%
CMY	0.1541, 0.6716, 0.5696
CMYK	0.00, 0.61, 0.49, 0.15
HSL	348°, 63%, 59%
HSV	348°, 61%, 85%
XYZ	34.1839, 21.9746, 17.1237
YIQ	126.4320, 70.3260, 36.0700

Conversions

Conversions Part 2

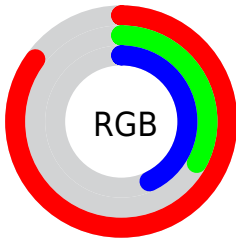
Format	Color
R_{YB}	216, 84, 110
Decimal	14177390
CIE _{Lab}	54.00, 53.85, 12.73
CIE _{LCh}	54, 55.336, 13.305
Yxy	21.9746, 0.4665, 0.2999
Android (android.graphics.Color)	4292367470 (0xFFD8546E)
YUV	126.4320, -8.1010, 78.5511
Hunter-Lab	46.8770, 48.1318, 11.1559

Details

The CIELCh color **54, 55.336, 13.305** 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 **79, 42.257, 177.113**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 46.816, 10.134**, and **34, 55.323, 13.090** is the 20% darker color. If you saturate the color by 10%, you get **50, 63.762, 16.604**, and if you desaturate by 10%, it is **58, 46.218, 10.705**.

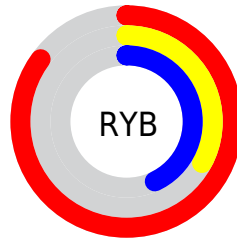
Distribution



Red (85%)

Green (33%)

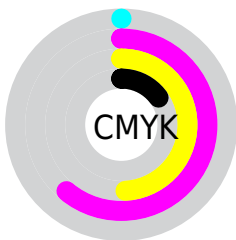
Blue (43%)



Red (85%)

Yellow (33%)

Blue (43%)

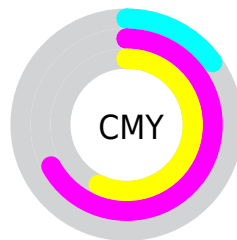


Cyan (0%)

Magenta (61%)

Yellow (49%)

Black (15%)



Cyan (15%)

Magenta (67%)

Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 55.336, 13.305 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 54, 55.336, 13.305 by changing the saturation by 10% instead.

 54, 55.336, 13.305

 54, 55.336, 13.305

 100, 55.336,
13.305

 44, 55.336, 13.305

 74, 55.336, 13.305

 34, 55.336, 13.305

 84, 55.336, 13.305

 24, 55.336, 13.305

 94, 55.336, 13.305

 14, 55.336, 13.305

 4, 55.336, 13.305

 0, 55.336, 13.305

 54, 55.336, 13.305

 54, 55.336, 13.305

 50, 63.762, 16.604

 58, 46.218, 10.705

 48, 71.200, 20.723

 63, 36.787, 8.643

46, 77.548, 25.649

68, 27.361, 6.985

45, 82.501, 30.270

74, 18.170, 5.623

80, 9.349, 4.470

86, 0.962, 3.011

92, 6.973, 182.827

97, 13.850,
184.215

97, 13.186,
198.625

Harmonies

Complementary

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



54, 55.336, 13.305



79, 42.257, 177.113

Rectangle

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



54, 55.336, 13.305



54, 55.336, 63.305



54, 55.336, 193.305



54, 55.336, 243.305

Sweetspot

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



54, 55.333, 13.307



88, 17.558, 5.259



54, 78.698, 321.232



45, 12.290, 5.615



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54, 55.333, 13.307



59, 74.585, 17.560



61, 49.088, 48.866



42, 4.698, 4.279



36, 68.760, 29.320



5, 22.051, 10.993

Inverse Universe

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



54, 55.333, 13.307



59, 74.585, 17.560



68, 32.296, 240.863



42, 4.698, 4.279



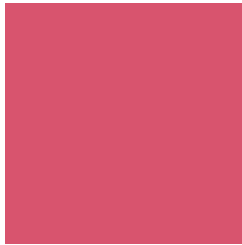
36, 68.760, 29.320



5, 22.051, 10.993

Previews

White Background



This preview shows how the CIELCh color 54, 55.336, 13.305 looks on a white background.

Color Contrast Check

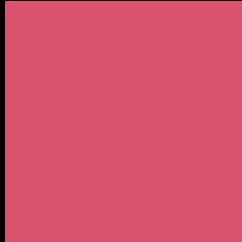
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 55.336, 13.305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

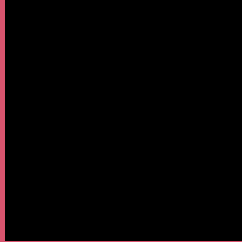
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 55.336, 13.305

Background



This preview shows how black text looks on a background with the CIELCh color 54, 55.336, 13.305.

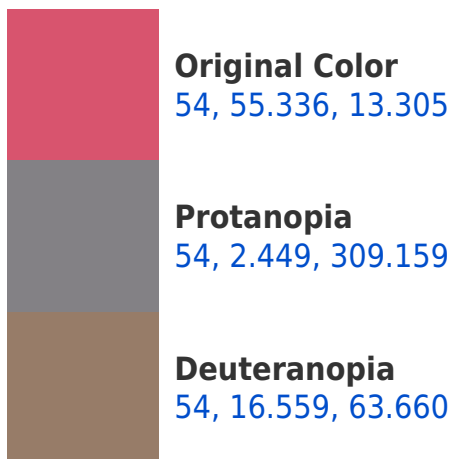


This preview shows how white text looks on a background with the CIELCh color 54, 55.336, 13.305.

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
54, 55.633, 24.112

Trichromacy



Original Color
54, 55.336, 13.305

Protanomaly
53, 21.208, 3.205

Deuteranomaly
53, 28.867, 26.207

Tritanomaly
54, 55.122, 20.305

Monochromacy



Original Color
54, 55.336, 13.305

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 20.558, 7.475

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 55.336, 13.305 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(216, 84, 110)` looks like.

```
.text, #text, p{  
    color:rgb(216, 84, 110)  
}
```

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(216, 84, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 84, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 55.336, 13.305 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(216, 84, 110) }
```

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

```
.border{ border-color:rgb(216, 84, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 84, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 84, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 84, 110);  
box-shadow:4px 4px 4px 4px rgb(216, 84,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 55.336, 13.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 84, 110) }
```

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

```
.background{ background-color: rgb(216, 84,  
110) }
```

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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