

Converting Colors

CIELCh(55, 58.997, 2.436)

Have a look what the booklet for
CIELCh(55, 58.997, 2.436) contains.

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Color

CIELCh(55, 58.986, 2.364)

Conversions

Conversions Part 1

Format	Color
Hex	DE5182
RGB	222, 81, 130
RGB Percent	87%, 32%, 51%
CMY	0.1306, 0.6834, 0.4912
CMYK	0.00, 0.64, 0.41, 0.13
HSL	339°, 68%, 59%
HSV	339°, 64%, 87%
XYZ	36.9659, 22.9298, 23.5074
YIQ	128.7450, 68.3070, 45.1310

Conversions

Conversions Part 2

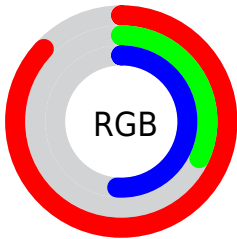
Format	Color
R_{YB}	222, 81, 130
Decimal	14569858
CIE _{Lab}	55.00, 58.94, 2.43
CIE _{LCh}	55, 58.986, 2.364
Yxy	22.9298, 0.4432, 0.2749
Android (android.graphics.Color)	4292759938 (0xFFDE5182)
YUV	128.7450, 0.6187, 81.7846
Hunter-Lab	47.8851, 53.9977, 4.4134

Details

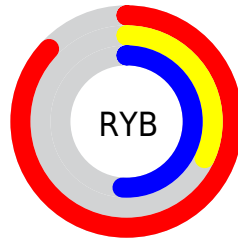
The CIELCh color **55, 58.986, 2.364** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **80, 51.005, 165.203**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 49.889, 355.670**, and **35, 58.895, 2.320** is the 20% darker color. If you saturate the color by 10%, you get **52, 66.127, 5.390**, and if you desaturate by 10%, it is **59, 50.562, 359.975**.

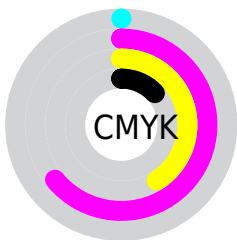
Distribution



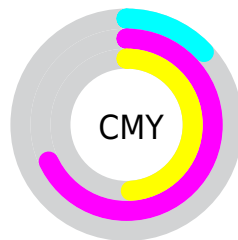
- Red (87%)
- Green (32%)
- Blue (51%)



- Red (87%)
- Yellow (32%)
- Blue (51%)



- Cyan (0%)
- Magenta (64%)
- Yellow (41%)
- Black (13%)



- Cyan (13%)
- Magenta (68%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 58.986, 2.364 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, 58.986, 2.364 by changing the saturation by 10% instead.

 55, 58.986, 2.364  55, 58.986, 2.364

 100, 58.986, 2.364  45, 58.986, 2.364


 75, 58.986, 2.364  35, 58.986, 2.364


 85, 58.986, 2.364  25, 58.986, 2.364

 95, 58.986, 2.364  15, 58.986, 2.364

 5, 58.986, 2.364

 0, 58.986, 2.364

 55, 58.986, 2.364  55, 58.986, 2.364

 52, 66.127, 5.390  59, 50.562,
359.975

 49, 71.651, 9.228

48, 75.541, 14.006

64, 41.326,
358.056

47, 77.563, 17.421

69, 31.701,
356.480

75, 22.014,
355.155

80, 12.484,
354.009

86, 3.239, 352.911

92, 5.654, 172.283

97, 12.527,
175.660

98, 11.251,
198.755

Harmonies

Complementary

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



55, 58.986, 2.364



80, 51.005, 165.203

Rectangle

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



55, 58.986, 2.364



55, 58.986, 52.364



55, 58.986, 182.364



55, 58.986, 232.364

Sweetspot

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



55, 58.983, 2.366



87, 19.734, 354.628



52, 82.512, 316.656



45, 13.641, 354.966



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, 58.983, 2.366



58, 75.545, 6.451



58, 56.932, 37.257



43, 5.132, 353.565



36, 64.321, 16.404



6, 24.050, 4.333

Inverse Universe

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



55, 58.983, 2.366



58, 75.545, 6.451



75, 33.826, 217.188



43, 5.132, 353.565



36, 64.321, 16.404



6, 24.050, 4.333

Previews

White Background



This preview shows how the CIELCh color 55, 58.986, 2.364 looks on a white background.

Color Contrast Check

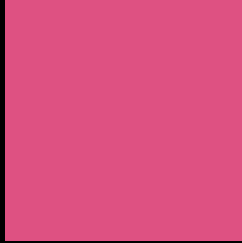
Large Text (above 18pt) WCAG AA ✓ Pass

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, 58.986, 2.364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

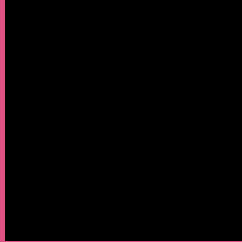
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 58.986, 2.364

Background



This preview shows how black text looks on a background with the CIELCh color 55, 58.986, 2.364.

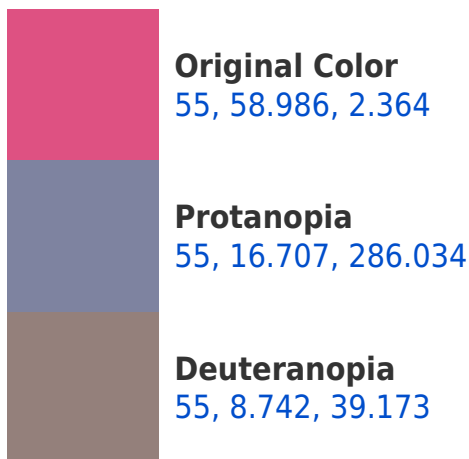


This preview shows how white text looks on a background with the CIELCh color 55, 58.986, 2.364.

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, 56.794, 24.286

Trichromacy



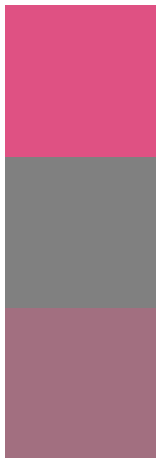
Original Color
55, 58.986, 2.364

Protanomaly
54, 27.616, 334.323

Deuteranomaly
54, 27.432, 6.130

Tritanomaly
55, 56.663, 16.022

Monochromacy



Original Color
55, 58.986, 2.364

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 23.012, 355.737

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 58.986, 2.364 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(222, 81, 130)` looks like.

```
.text, #text, p{  
    color:rgb(222, 81, 130)  
}
```

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(222, 81, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 81, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 58.986, 2.364 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(222, 81, 130) }
```

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

```
.border{ border-color:rgb(222, 81, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 81, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 81, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 81, 130);  
box-shadow:4px 4px 4px 4px rgb(222, 81,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 58.986, 2.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 81, 130) }
```

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

```
.background{ background-color: rgb(222, 81,  
130) }
```

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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