

Converting Colors

CIELCh(65, 53.306, 356.706)

Have a look what the booklet for
CIELCh(65, 53.306, 356.706)
contains.

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Color

CIELCh(65, 53.515, 356.781)

Conversions

Conversions Part 1

Format	Color
Hex	F274A5
RGB	242, 116, 165
RGB Percent	95%, 45%, 65%
CMY	0.0513, 0.5454, 0.3533
CMYK	0.00, 0.52, 0.32, 0.05
HSL	337°, 83%, 70%
HSV	337°, 52%, 95%
XYZ	49.6075, 34.0472, 39.5165
YIQ	159.2600, 59.3670, 41.9510

Conversions

Conversions Part 2

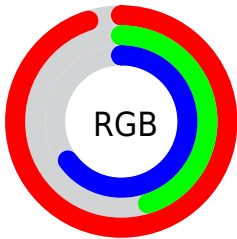
Format	Color
R _Y B	242, 116, 165
Decimal	15889573
CIE Lab	65.00, 53.43, -3.01
CIE LCh	65, 53.515, 356.781
Yxy	34.0472, 0.4028, 0.2764
Android (android.graphics.Color)	4294079653 (0xFFFF274A5)
YUV	159.2600, 2.8298, 72.5630
Hunter-Lab	58.3500, 49.6434, 0.6919

Details

The CIELCh color **65, 53.515, 356.781** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **87, 48.225, 164.289**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 39.621, 342.264**, and **45, 53.614, 357.073** is the 20% darker color. If you saturate the color by 10%, you get **60, 62.591, 358.972**, and if you desaturate by 10%, it is **70, 43.516, 355.010**.

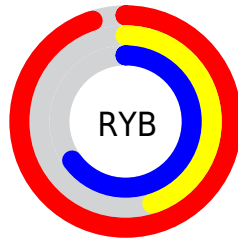
Distribution



Red (95%)

Green (45%)

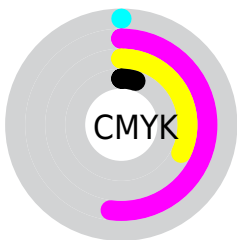
Blue (65%)



Red (95%)

Yellow (45%)

Blue (65%)

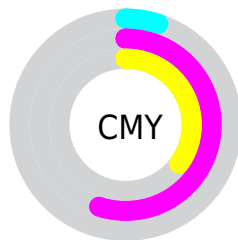


Cyan (0%)

Magenta (52%)

Yellow (32%)

Black (5%)



Cyan (5%)


Magenta (55%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 53.515, 356.781 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 65, 53.515, 356.781 by changing the saturation by 10% instead.


 65, 53.515,
356.781


 65, 53.515,
356.781


 100, 53.515,
356.781


 55, 53.515,
356.781


 85, 53.515,
356.781


 45, 53.515,
356.781


 95, 53.515,
356.781

 35, 53.515,
356.781

 25, 53.515,
356.781

 15, 53.515,
356.781

 5, 53.515, 356.781

 0, 53.515, 356.781

■ 65, 53.515,
356.781

■ 65, 53.515,
356.781

■ 60, 62.591,
358.972

■ 70, 43.516,
355.010

■ 57, 70.228, 1.731

■ 76, 33.074,
353.539

■ 54, 75.996, 5.242

■ 82, 22.543,
352.288

■ 52, 79.798, 9.666

■ 51, 81.862, 13.745

■ 88, 12.159,
351.193

■ 94, 2.062, 350.039

■ 99, 4.588, 190.447

■ 99, 4.513, 199.266

Harmonies

Complementary

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



65, 53.515, 356.781



87, 48.225, 164.289

Rectangle

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



65, 53.515, 356.781



65, 53.515, 46.781



65, 53.515, 176.781



65, 53.515, 226.781

Sweetspot

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



65, 53.512, 356.782



89, 16.911, 351.613



62, 73.229, 314.797



46, 11.451, 351.838



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 53.512, 356.782



64, 65.223, 358.996



66, 49.816, 32.180



47, 5.654, 350.923



39, 66.404, 12.719



8, 28.812, 4.295

Inverse Universe

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



65, 53.512, 356.782



64, 65.223, 358.996



85, 33.067, 209.021



47, 5.654, 350.923



39, 66.404, 12.719



8, 28.812, 4.295

Previews

White Background



This preview shows how the CIELCh color 65, 53.515, 356.781 looks on a white background.

Color Contrast Check

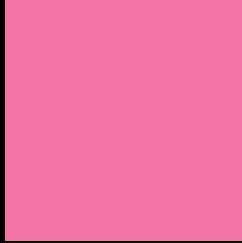
Large Text (above 18pt) WCAG AA × Fail

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 65, 53.515, 356.781 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 ✓ Pass

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

CIELCh 65, 53.515, 356.781

Background



This preview shows how black text looks on a background with the CIELCh color 65, 53.515, 356.781.

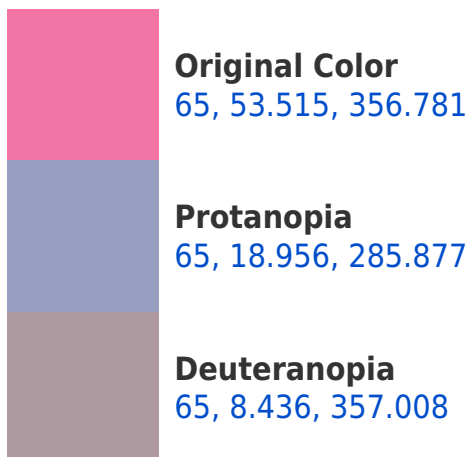


This preview shows how white text looks on a background with the CIELCh color 65, 53.515, 356.781.

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
65, 48.496, 19.378

Trichromacy



Original Color
65, 53.515, 356.781



Protanomaly
64, 27.122, 327.000



Deuteranomaly
64, 25.276, 354.893

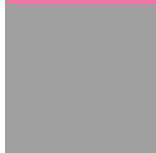


Tritanomaly
65, 49.206, 10.927

Monochromacy



Original Color
65, 53.515, 356.781



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 20.407, 352.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 53.515, 356.781 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(242, 116, 165)` looks like.

```
.text, #text, p{  
    color:rgb(242, 116, 165)  
}
```

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(242, 116, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 116, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 53.515, 356.781 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(242, 116, 165) }
```

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

```
.border{ border-color:rgb(242, 116, 165) }
```

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

Here you see how a box with a 4 pixel rgb(242, 116, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 116, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 116, 165);  
box-shadow:4px 4px 4px 4px rgb(242, 116,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 53.515, 356.781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 116, 165) }
```

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

```
.background{ background-color: rgb(242,  
116, 165) }
```

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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