

Converting Colors

CIELCh(61, 64.705, 352.270)

Have a look what the booklet for
CIELCh(61, 64.705, 352.270)
contains.

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Color

CIELCh(61, 64.779, 352.034)

Conversions

Conversions Part 1

Format	Color
Hex	F25CA5
RGB	242, 92, 165
RGB Percent	95%, 36%, 65%
CMY	0.0510, 0.6392, 0.3529
CMYK	0.00, 0.62, 0.32, 0.05
HSL	331°, 85%, 65%
HSV	331°, 62%, 95%
XYZ	47.2367, 29.2481, 38.7535
YIQ	145.1720, 65.9670, 54.5030

Conversions

Conversions Part 2

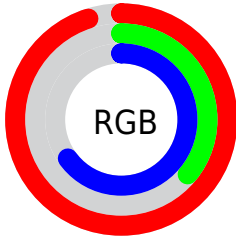
Format	Color
R _Y B	242, 92, 165
Decimal	15883429
CIE Lab	61.00, 64.15, -8.98
CIE LCh	61, 64.779, 352.034
Yxy	29.2481, 0.4099, 0.2538
Android (android.graphics.Color)	4294073509 (0xFFFF25CA5)
YUV	145.1720, 9.7752, 84.9182
Hunter-Lab	54.0815, 61.2655, -4.6287

Details

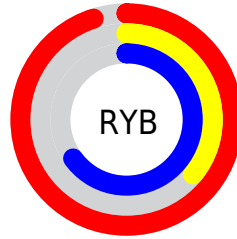
The CIELCh color **61, 64.779, 352.034** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **86, 61.037, 157.172**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 52.568, 338.852**, and **41, 64.780, 352.196** is the 20% darker color. If you saturate the color by 10%, you get **57, 72.157, 354.273**, and if you desaturate by 10%, it is **65, 55.709, 350.230**.

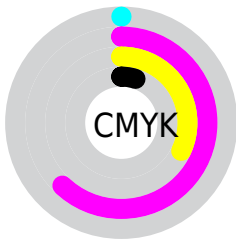
Distribution



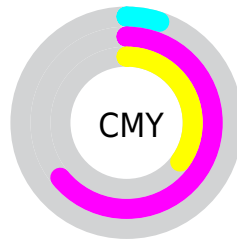
- Red (95%)
- Green (36%)
- Blue (65%)



- Red (95%)
- Yellow (36%)
- Blue (65%)



- Cyan (0%)
- Magenta (62%)
- Yellow (32%)
- Black (5%)





- Cyan (5%)
- Magenta (64%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 64.779, 352.034 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 61, 64.779, 352.034 by changing the saturation by 10% instead.


 61, 64.779,
352.034


 61, 64.779,
352.034


 100, 64.779,
352.034


 51, 64.779,
352.034


 81, 64.779,
352.034

 41, 64.779,
352.034

 91, 64.779,
352.034

 31, 64.779,
352.034

 21, 64.779,
352.034

 11, 64.779,
352.034

 1, 64.779, 352.034

 0, 64.779, 352.034

61, 64.779,
352.034

61, 64.779,
352.034

57, 72.157,
354.273

65, 55.709,
350.230

55, 77.365,
357.099

70, 45.530,
348.736

53, 80.223, 0.685

76, 34.749,
347.467

52, 81.235, 4.109

82, 23.755,
346.363

88, 12.815,
345.374

94, 2.095, 344.314

99, 4.783, 180.387

99, 4.482, 199.269

Harmonies

Complementary

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



61, 64.779, 352.034



86, 61.037, 157.172

Rectangle

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



61, 64.779, 352.034



61, 64.779, 42.034



61, 64.779, 172.034



61, 64.779, 222.034

Sweetspot

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



61, 64.775, 352.035



88, 21.368, 346.063



54, 86.274, 312.189



45, 14.744, 346.356



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 64.775, 352.035



60, 76.489, 354.845



59, 65.342, 28.180



47, 6.013, 345.137



39, 66.097, 3.251



8, 29.326, 356.596

Inverse Universe

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



61, 64.775, 352.035



60, 76.489, 354.845



88, 40.839, 196.827



47, 6.013, 345.137



39, 66.097, 3.251



8, 29.326, 356.596

Previews

White Background



This preview shows how the CIELCh color 61, 64.779, 352.034 looks on a white background.

Color Contrast Check

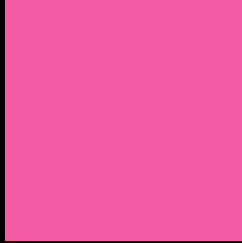
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 64.779, 352.034 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 61, 64.779, 352.034

Background



This preview shows how black text looks on a background with the CIELCh color 61, 64.779, 352.034.

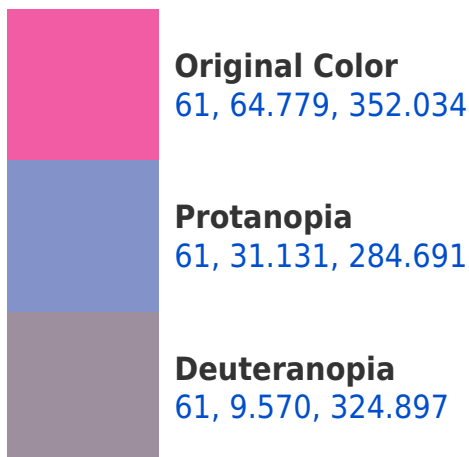


This preview shows how white text looks on a background with the CIELCh color 61, 64.779, 352.034.

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](#).

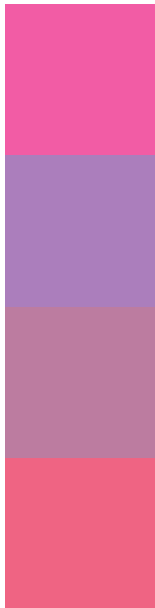
Dichromacy





Tritanopia
61, 56.756, 22.952

Trichromacy



Original Color
61, 64.779, 352.034

Protanomaly
59, 38.510, 317.948

Deuteranomaly
60, 31.545, 343.406

Tritanomaly
61, 57.140, 10.556

Monochromacy



Original Color
61, 64.779, 352.034

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 25.531, 347.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 64.779, 352.034 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, 92, 165)` looks like.

```
.text, #text, p{  
    color:rgb(242, 92, 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, 92, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 92, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 64.779, 352.034 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, 92, 165) }
```

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

```
.border{ border-color:rgb(242, 92, 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, 92, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 92, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 92, 165);  
box-shadow:4px 4px 4px 4px rgb(242, 92,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 64.779, 352.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 92, 165) }
```

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

```
.background{ background-color: rgb(242, 92,  
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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