

Converting Colors

CIELCh(65, 70.658, 342.721)

Have a look what the booklet for
CIELCh(65, 70.658, 342.721)
contains.

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Color

CIELCh(65, 70.478, 342.597)

Conversions

Conversions Part 1

Format	Color
Hex	FC65C5
RGB	252, 101, 197
RGB Percent	99%, 40%, 77%
CMY	0.0116, 0.6038, 0.2273
CMYK	0.00, 0.60, 0.22, 0.01
HSL	322°, 96%, 69%
HSV	322°, 60%, 99%
XYZ	54.8945, 34.0472, 56.5194
YIQ	157.0930, 59.1800, 61.8680

Conversions

Conversions Part 2

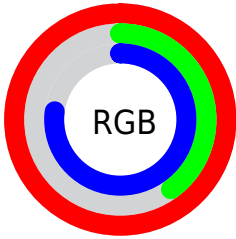
Format	Color
R _Y B	252, 101, 197
Decimal	16541125
CIE Lab	65.00, 67.25, -21.08
CIE LCh	65, 70.478, 342.597
Yxy	34.0472, 0.3774, 0.2341
Android (android.graphics.Color)	4294731205 (0xFFFC65C5)
YUV	157.0930, 19.6742, 83.2334
Hunter-Lab	58.3500, 65.8168, -16.5850

Details

The CIELCh color $65, 70.478, 342.597$ is a light color, and the websafe version is hex FF66CC . A complement of this color would be $89, 69.783, 150.573$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 59.323, 326.769$, and $45, 70.594, 342.624$ is the 20% darker color. If you saturate the color by 10%, you get $61, 78.689, 344.018$, and if you desaturate by 10%, it is $70, 60.364, 341.388$.

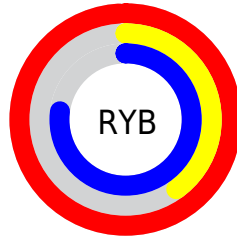
Distribution



Red (99%)

Green (40%)

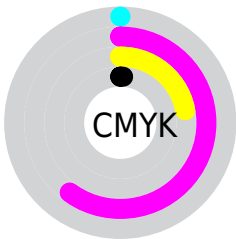
Blue (77%)



Red (99%)

Yellow (40%)

Blue (77%)

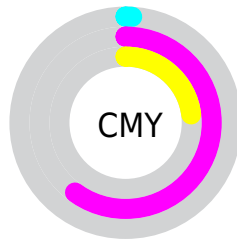


Cyan (0%)

Magenta (60%)

Yellow (22%)

Black (1%)



Cyan (1%)


Magenta (60%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 70.478, 342.597 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, 70.478, 342.597 by changing the saturation by 10% instead.


 65, 70.478,
342.597


 65, 70.478,
342.597


 100, 70.478,
342.597


 55, 70.478,
342.597


 85, 70.478,
342.597

 45, 70.478,
342.597

 95, 70.478,
342.597

 35, 70.478,
342.597

 25, 70.478,
342.597

 15, 70.478,
342.597

 5, 70.478, 342.597

 0, 70.478, 342.597

65, 70.478,
342.597

65, 70.478,
342.597

61, 78.689,
344.018

70, 60.364,
341.388

58, 84.425,
345.734

75, 48.988,
340.329

56, 87.350,
347.853

80, 36.895,
339.379

55, 87.812,
350.443

86, 24.505,
338.512

55, 87.813,
350.468

93, 12.112,
337.702

99, 0.099, 161.310

100, 1.031,
199.983

Harmonies

Complementary

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



65, 70.478, 342.597



89, 69.783, 150.573

Rectangle

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



65, 70.478, 342.597



65, 70.478, 32.597



65, 70.478, 162.597



65, 70.478, 212.597

Sweetspot

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



65, 70.474, 342.598



88, 22.342, 338.355



55, 86.213, 307.901



45, 15.548, 338.597



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, 70.474, 342.598



61, 80.852, 344.356



63, 61.909, 16.722



49, 6.896, 337.668



41, 70.884, 349.936



10, 32.916, 346.298

Inverse Universe

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



65, 70.474, 342.598



61, 80.852, 344.356



91, 45.341, 181.442



49, 6.896, 337.668



41, 70.884, 349.936



10, 32.916, 346.298

Previews

White Background



This preview shows how the CIELCh color 65, 70.478, 342.597 looks on a white background.

Color Contrast Check

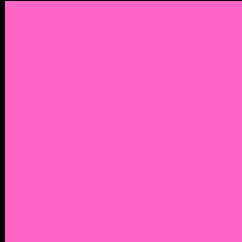
Large Text (above 18pt) WCAG AA × Fail

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, 70.478, 342.597 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, 70.478, 342.597

Background



This preview shows how black text looks on a background with the CIELCh color 65, 70.478, 342.597.



This preview shows how white text looks on a background with the CIELCh color 65, 70.478, 342.597.

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, 52.886, 21.082

Trichromacy



Original Color
65, 70.478, 342.597



Protanomaly
63, 50.878, 309.226



Deuteranomaly
64, 37.655, 326.037



Tritanomaly
65, 55.919, 4.304

Monochromacy



Original Color
65, 70.478, 342.597



Achromatopsia
65, 0.008, 296.813



Achromatomaly
63, 28.344, 339.194

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 70.478, 342.597 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(252, 101, 197)` looks like.

```
.text, #text, p{  
    color:rgb(252, 101, 197)  
}
```

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(252, 101, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 101, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 70.478, 342.597 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(252, 101, 197) }
```

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

```
.border{ border-color:rgb(252, 101, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 101, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 101, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 101, 197); box-shadow:4px 4px 4px 4px rgb(252, 101, 197) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 70.478, 342.597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 101, 197) }
```

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

```
.background{ background-color: rgb(252,  
101, 197) }
```

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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