

Converting Colors

CIELCh(65, 35.322, 354.714)

Have a look what the booklet for
CIELCh(65, 35.322, 354.714)
contains.

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Color

CIELCh(65, 35.293, 354.704)

Conversions

Conversions Part 1

Format	Color
Hex	D786A5
RGB	215, 134, 165
RGB Percent	84%, 53%, 65%
CMY	0.1584, 0.4759, 0.3543
CMYK	0.00, 0.38, 0.23, 0.16
HSL	337°, 50%, 68%
HSV	337°, 38%, 84%
XYZ	43.1492, 34.0472, 39.7268
YIQ	161.7530, 38.3250, 26.8130

Conversions

Conversions Part 2

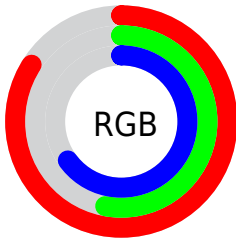
Format	Color
R _Y B	215, 134, 165
Decimal	14124709
CIE Lab	65.00, 35.14, -3.26
CIE LCh	65, 35.293, 354.704
Yxy	34.0472, 0.3690, 0.2912
Android (android.graphics.Color)	4292314789 (0xFFD786A5)
YUV	161.7530, 1.6008, 46.6976
Hunter-Lab	58.3500, 29.8865, 0.4782

Details

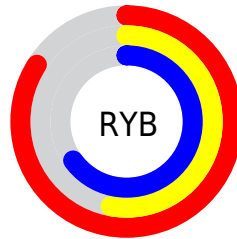
The CIELCh color $65, 35.293, 354.704$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $80, 32.567, 166.630$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 29.558, 347.351$, and $45, 34.824, 354.930$ is the 20% darker color. If you saturate the color by 10%, you get $60, 44.588, 356.329$, and if you desaturate by 10%, it is $70, 25.762, 353.344$.

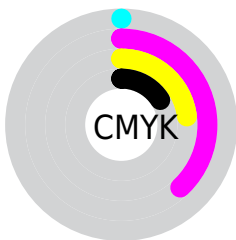
Distribution



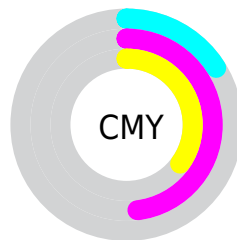
- Red (84%)
- Green (53%)
- Blue (65%)



- Red (84%)
- Yellow (53%)
- Blue (65%)



- Cyan (0%)
- Magenta (38%)
- Yellow (23%)
- Black (16%)





- Cyan (16%)
- Magenta (48%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 35.293, 354.704 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, 35.293, 354.704 by changing the saturation by 10% instead.


 65, 35.293,
354.704


 65, 35.293,
354.704


 100, 35.293,
354.704


 55, 35.293,
354.704


 85, 35.293,
354.704

 45, 35.293,
354.704

 95, 35.293,
354.704

 35, 35.293,
354.704

 25, 35.293,
354.704

 15, 35.293,
354.704

 5, 35.293, 354.704

 0, 35.293, 354.704

65, 35.293,
354.704

65, 35.293,
354.704

60, 44.588,
356.329

70, 25.762,
353.344

56, 53.282,
358.311

76, 16.269,
352.172

52, 60.915, 0.785

81, 6.980, 351.121

49, 67.043, 3.920

87, 2.011, 170.528

47, 71.412, 7.893

93, 10.660,
169.535

46, 74.225, 12.775

97, 14.982,
176.666

46, 74.836, 13.926

97, 13.533,
198.603

Harmonies

Complementary

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



65, 35.293, 354.704



80, 32.567, 166.630

Rectangle

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



65, 35.293, 354.704



65, 35.293, 44.704



65, 35.293, 174.704



65, 35.293, 224.704

Sweetspot

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



65, 35.290, 354.706



93, 11.496, 351.470



63, 48.186, 314.701



49, 7.741, 351.612



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, 35.290, 354.706



72, 48.409, 355.931



66, 30.584, 31.865



42, 5.135, 351.296



36, 62.993, 12.996



5, 22.632, 1.690

Inverse Universe

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



65, 35.290, 354.706



72, 48.409, 355.931



78, 23.156, 210.559



42, 5.135, 351.296



36, 62.993, 12.996



5, 22.632, 1.690

Previews

White Background



This preview shows how the CIELCh color 65, 35.293, 354.704 looks on a white background.

Color Contrast Check

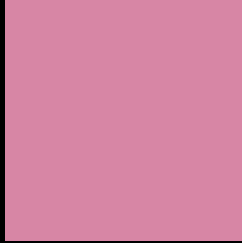
Large Text (above 18pt) WCAG AA × Fail

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, 35.293, 354.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

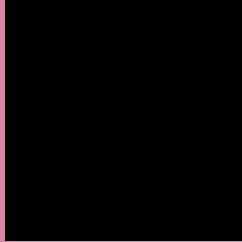
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 35.293, 354.704

Background



This preview shows how black text looks on a background with the CIELCh color 65, 35.293, 354.704.



This preview shows how white text looks on a background with the CIELCh color 65, 35.293, 354.704.

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



Original Color

65, 35.293, 354.704

Protanopia

65, 12.238, 288.099

Deuteranopia

65, 8.574, 349.074



Tritanopia
65, 31.074, 12.673

Trichromacy



Original Color
65, 35.293, 354.704

Protanomaly
65, 17.457, 328.385

Deuteranomaly
65, 18.163, 352.144

Tritanomaly
65, 32.216, 6.251

Monochromacy



Original Color
65, 35.293, 354.704

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 12.759, 352.199

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 35.293, 354.704 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(215, 134, 165)` looks like.

```
.text, #text, p{  
    color:rgb(215, 134, 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(215, 134, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 134, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 35.293, 354.704 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(215, 134, 165) }
```

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

```
.border{ border-color:rgb(215, 134, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 134, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 134, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 134, 165);  
box-shadow:4px 4px 4px 4px rgb(215, 134,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 35.293, 354.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 134, 165) }
```

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

```
.background{ background-color: rgb(215,  
134, 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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