

Converting Colors

CIELCh(65, 35.764, 8.460)

Have a look what the booklet for
CIELCh(65, 35.764, 8.460) contains.

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Color

CIELCh(65, 35.804, 8.490)

Conversions

Conversions Part 1

Format	Color
Hex	DC8596
RGB	220, 133, 150
RGB Percent	86%, 52%, 59%
CMY	0.1386, 0.4796, 0.4129
CMYK	0.00, 0.40, 0.32, 0.14
HSL	348°, 55%, 69%
HSV	348°, 40%, 86%
XYZ	43.2400, 34.0472, 33.0194
YIQ	160.9510, 46.3950, 23.7310

Conversions

Conversions Part 2

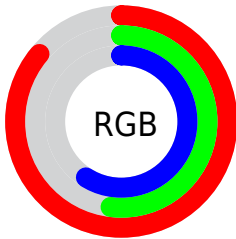
Format	Color
R _Y B	220, 133, 150
Decimal	14452118
CIE Lab	65.00, 35.41, 5.29
CIE LCh	65, 35.804, 8.490
Yxy	34.0472, 0.3920, 0.3087
Android (android.graphics.Color)	4292642198 (0xFFDC8596)
YUV	160.9510, -5.3988, 51.7860
Hunter-Lab	58.3500, 30.1642, 7.2936

Details

The CIELCh color **65, 35.804, 8.490** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82, 30.149, 179.813**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 26.946, 2.449**, and **45, 35.681, 9.190** is the 20% darker color. If you saturate the color by 10%, you get **60, 45.396, 10.488**, and if you desaturate by 10%, it is **70, 26.258, 6.885**.

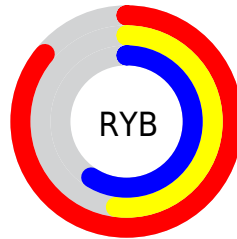
Distribution



Red (86%)

Green (52%)

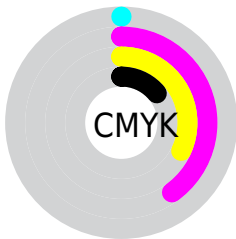
Blue (59%)



Red (86%)

Yellow (52%)

Blue (59%)

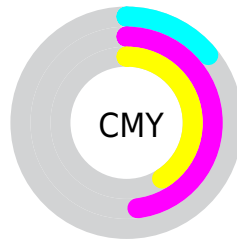


Cyan (0%)

Magenta (40%)

Yellow (32%)

Black (14%)



Cyan (14%)

Magenta (48%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 35.804, 8.490 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, 35.804, 8.490 by changing the saturation by 10% instead.

 65, 35.804, 8.490

 65, 35.804, 8.490

 100, 35.804, 8.490

 55, 35.804, 8.490

 85, 35.804, 8.490

 45, 35.804, 8.490

 95, 35.804, 8.490

 35, 35.804, 8.490

 25, 35.804, 8.490

 15, 35.804, 8.490

 5, 35.804, 8.490

 0, 35.804, 8.490

 65, 35.804, 8.490

 65, 35.804, 8.490

 60, 45.396, 10.488

 70, 26.258, 6.885

■ 56, 54.730, 13.002

■ 76, 16.983, 5.561

■ 52, 63.429, 16.190

■ 82, 8.101, 4.429

■ 49, 71.163, 20.187

■ 88, 0.334, 185.210

■ 47, 77.793, 25.008

■ 94, 8.308, 182.827

■ 46, 83.543, 30.260

■ 98, 11.912,
198.710

■ 46, 83.781, 30.461

Harmonies

Complementary

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



65, 35.804, 8.490



82, 30.149, 179.813

Rectangle

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



65, 35.804, 8.490



65, 35.804, 58.490



65, 35.804, 188.490



65, 35.804, 238.490

Sweetspot

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



65, 35.801, 8.493



92, 11.518, 4.702



65, 53.232, 320.545



48, 7.666, 4.847



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, 35.801, 8.493



70, 49.543, 10.227



71, 29.735, 49.371



43, 4.787, 4.412



36, 69.636, 29.516



5, 23.740, 11.820

Inverse Universe

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



65, 35.801, 8.493



70, 49.543, 10.227



75, 23.157, 236.030



43, 4.787, 4.412



36, 69.636, 29.516



5, 23.740, 11.820

Previews

White Background



This preview shows how the CIELCh color 65, 35.804, 8.490 looks on a white background.

Color Contrast Check

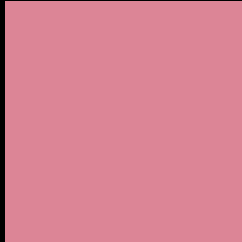
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 35.804, 8.490 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, 35.804, 8.490

Background



This preview shows how black text looks on a background with the CIELCh color 65, 35.804, 8.490.



This preview shows how white text looks on a background with the CIELCh color 65, 35.804, 8.490.

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, 35.804, 8.490

Protanopia

65, 3.979, 301.500

Deuteranopia

65, 10.764, 41.201



Tritanopia
65, 34.834, 14.273

Trichromacy



Original Color
65, 35.804, 8.490

Protanomaly
65, 14.205, 355.461

Deuteranomaly
65, 18.959, 19.604

Tritanomaly
65, 34.831, 12.479

Monochromacy



Original Color
65, 35.804, 8.490

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 12.578, 5.377

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 35.804, 8.490 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(220, 133, 150)` looks like.

```
.text, #text, p{  
    color:rgb(220, 133, 150)  
}
```

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(220, 133, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 133, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 35.804, 8.490 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(220, 133, 150) }
```

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

```
.border{ border-color:rgb(220, 133, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 133, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 133, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 133, 150);  
box-shadow:4px 4px 4px 4px rgb(220, 133,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 35.804, 8.490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 133, 150) }
```

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

```
.background{ background-color: rgb(220,  
133, 150) }
```

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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