

Converting Colors

CIELCh(65, 46.744, 347.728)

Have a look what the booklet for
CIELCh(65, 46.744, 347.728)
contains.

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Color

CIELCh(65, 46.744, 347.728)

Conversions

Conversions Part 1

Format	Color
Hex	E37DB1
RGB	227, 125, 177
RGB Percent	89%, 49%, 69%
CMY	0.1109, 0.5108, 0.3069
CMYK	0.00, 0.45, 0.22, 0.11
HSL	329°, 64%, 69%
HSV	329°, 45%, 89%
XYZ	46.7956, 34.0472, 45.5601
YIQ	161.4260, 44.1000, 37.7960

Conversions

Conversions Part 2

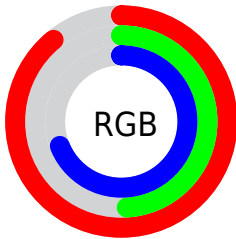
Format	Color
R _Y B	227, 125, 177
Decimal	14908849
CIE Lab	65.00, 45.68, -9.94
CIE LCh	65, 46.744, 347.728
Yxy	34.0472, 0.3702, 0.2694
Android (android.graphics.Color)	4293098929 (0xFFE37DB1)
YUV	161.4260, 7.6780, 57.5084
Hunter-Lab	58.3500, 41.0414, -5.4491

Details

The CIELCh color $65, 46.744, 347.728$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $83, 44.531, 158.531$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 38.429, 336.147$, and $45, 46.689, 347.806$ is the 20% darker color. If you saturate the color by 10%, you get $60, 56.209, 349.221$, and if you desaturate by 10%, it is $70, 36.544, 346.461$.

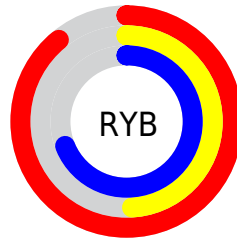
Distribution



Red (89%)

Green (49%)

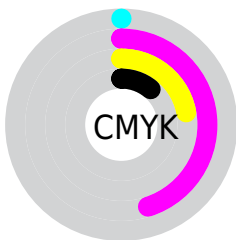
Blue (69%)



Red (89%)

Yellow (49%)

Blue (69%)

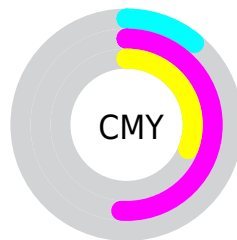


Cyan (0%)

Magenta (45%)

Yellow (22%)

Black (11%)



Cyan (11%)


Magenta (51%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 46.744, 347.728 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, 46.744, 347.728 by changing the saturation by 10% instead.

 65, 46.744,
347.728


 65, 46.744,
347.728

 100, 46.744,
347.728


 55, 46.744,
347.728


 85, 46.744,
347.728

 45, 46.744,
347.728

 95, 46.744,
347.728

 35, 46.744,
347.728

 25, 46.744,
347.728

 15, 46.744,
347.728

 5, 46.744, 347.728

 0, 46.744, 347.728

65, 46.744,
347.728

65, 46.744,
347.728

60, 56.209,
349.221

70, 36.544,
346.461

56, 64.435,
351.026

76, 26.027,
345.358

53, 70.877,
353.263

81, 15.479,
344.374

51, 75.118,
356.087

87, 5.086, 343.442

49, 77.098,
359.655

93, 5.042, 162.823

98, 11.536,
167.845

49, 77.583, 1.677

98, 9.627, 197.378

98, 9.610, 198.867

Harmonies

Complementary

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



65, 46.744, 347.728



83, 44.531, 158.531

Rectangle

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



65, 46.744, 347.728



65, 46.744, 37.728



65, 46.744, 167.728



65, 46.744, 217.728

Sweetspot

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



65, 46.741, 347.729



92, 14.750, 344.197



61, 59.296, 310.829



47, 10.345, 344.404



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, 46.741, 347.729



68, 60.820, 349.120



64, 42.866, 22.983



44, 5.784, 343.862



38, 64.290, 0.901



6, 26.533, 353.994

Inverse Universe

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



65, 46.741, 347.729



68, 60.820, 349.120



84, 31.283, 195.652



44, 5.784, 343.862



38, 64.290, 0.901



6, 26.533, 353.994

Previews

White Background



This preview shows how the CIELCh color 65, 46.744, 347.728 looks on a white background.

Color Contrast Check

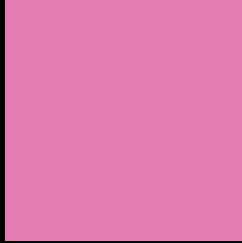
Large Text (above 18pt) WCAG AA × Fail

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, 46.744, 347.728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

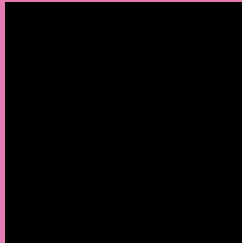
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 46.744, 347.728

Background



This preview shows how black text looks on a background with the CIELCh color 65, 46.744, 347.728.



This preview shows how white text looks on a background with the CIELCh color 65, 46.744, 347.728.

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, 46.744, 347.728

Protanopia

65, 22.894, 284.945

Deuteranopia

65, 11.176, 316.852



Tritanopia
65, 37.385, 16.061

Trichromacy



Original Color
65, 46.744, 347.728



Protanomaly
64, 27.674, 317.085



Deuteranomaly
65, 24.379, 337.122

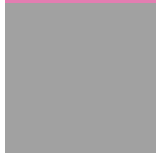


Tritanomaly
65, 39.552, 3.950

Monochromacy



Original Color
65, 46.744, 347.728



Achromatopsia
66, 0.008, 296.813



Achromatomaly
65, 17.641, 344.631

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 46.744, 347.728 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(227, 125, 177)` looks like.

```
.text, #text, p{  
    color:rgb(227, 125, 177)  
}
```

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(227, 125, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 125, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 46.744, 347.728 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(227, 125, 177) }
```

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

```
.border{ border-color:rgb(227, 125, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 125, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 125, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 125, 177); box-shadow:4px 4px 4px 4px rgb(227, 125, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 46.744, 347.728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 125, 177) }
```

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

```
.background{ background-color: rgb(227,  
125, 177) }
```

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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