

Converting Colors

CIELCh(60, 47.327, 346.286)

Have a look what the booklet for
CIELCh(60, 47.327, 346.286)
contains.

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Color

CIELCh(60, 47.654, 346.030)

Conversions

Conversions Part 1

Format	Color
Hex	D46FA6
RGB	212, 111, 166
RGB Percent	83%, 44%, 65%
CMY	0.1686, 0.5646, 0.3490
CMYK	0.00, 0.48, 0.22, 0.17
HSL	327°, 54%, 63%
HSV	327°, 48%, 83%
XYZ	39.7240, 28.1233, 39.4157
YIQ	147.4690, 42.5410, 38.5170

Conversions

Conversions Part 2

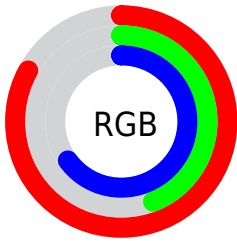
Format	Color
R_{YB}	212, 111, 166
Decimal	13922214
CIE _{Lab}	60.00, 46.24, -11.50
CIE _{LCh}	60, 47.654, 346.030
Yxy	28.1233, 0.3703, 0.2622
Android (android.graphics.Color)	4292112294 (0xFFD46FA6)
YUV	147.4690, 9.1358, 56.5937
Hunter-Lab	53.0314, 40.9032, -6.9454

Details

The CIELCh color $60, 47.654, 346.030$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $78, 45.799, 156.491$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 43.494, 340.539$, and $40, 47.822, 346.040$ is the 20% darker color. If you saturate the color by 10%, you get $56, 56.466, 347.469$, and if you desaturate by 10%, it is $65, 37.991, 344.804$.

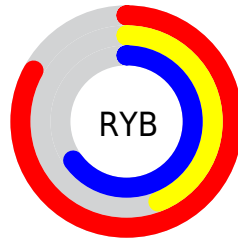
Distribution



Red (83%)

Green (44%)

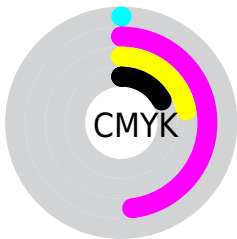
Blue (65%)



Red (83%)

Yellow (44%)

Blue (65%)

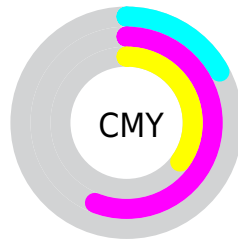


Cyan (0%)

Magenta (48%)

Yellow (22%)

Black (17%)



Cyan (17%)


Magenta (56%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 47.654, 346.030 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 60, 47.654, 346.030 by changing the saturation by 10% instead.


 60, 47.654,
346.030


 60, 47.654,
346.030


 100, 47.654,
346.030


 50, 47.654,
346.030


 80, 47.654,
346.030

 40, 47.654,
346.030

 90, 47.654,
346.030

 30, 47.654,
346.030

 20, 47.654,
346.030

 10, 47.654,
346.030

 0, 47.654, 346.030

 60, 47.654,

 60, 47.654,

346.030

346.030

■ 56, 56.466,
347.469

■ 65, 37.991,
344.804

■ 52, 63.927,
349.199

■ 70, 27.906,
343.731

■ 49, 69.527,
351.335

■ 75, 17.704,
342.770

■ 47, 72.920,
354.021

■ 81, 7.591, 341.881

■ 46, 74.194,
357.376

■ 86, 2.308, 161.328

■ 46, 74.391,
358.220

■ 92, 11.924,
160.465

■ 97, 18.644,
162.322

■ 97, 15.966,
176.290

■ 97, 14.483,
194.304

Harmonies

Complementary

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



60, 47.654, 346.030



78, 45.799, 156.491

Rectangle

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



60, 47.654, 346.030



60, 47.654, 36.030



60, 47.654, 166.030



60, 47.654, 216.030

Sweetspot

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



60, 47.651, 346.031



91, 16.274, 342.455



55, 59.403, 309.936



47, 11.257, 342.651



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 47.651, 346.031



67, 64.872, 347.463



59, 42.914, 21.023



42, 5.699, 342.039



37, 63.466, 357.599



5, 24.026, 351.216

Inverse Universe

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



60, 47.651, 346.031



67, 64.872, 347.463



79, 31.413, 192.206



42, 5.699, 342.039



37, 63.466, 357.599



5, 24.026, 351.216

Previews

White Background



This preview shows how the CIELCh color 60, 47.654, 346.030 looks on a white background.

Color Contrast Check

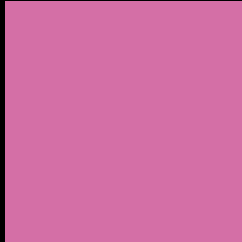
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 47.654, 346.030 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 60, 47.654, 346.030

Background



This preview shows how black text looks on a background with the CIELCh color 60, 47.654, 346.030.



This preview shows how white text looks on a background with the CIELCh color 60, 47.654, 346.030.

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](#).

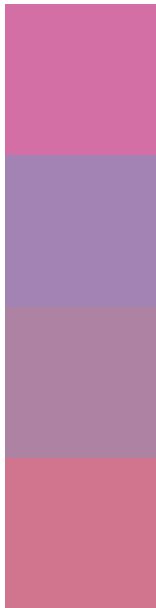
Dichromacy





Tritanopia
60, 37.238, 17.076

Trichromacy



Original Color
60, 47.654, 346.030

Protanomaly
59, 30.007, 314.725

Deuteranomaly
60, 24.964, 334.010

Tritanomaly
60, 39.326, 3.887

Monochromacy



Original Color
60, 47.654, 346.030

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 18.237, 343.323

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 47.654, 346.030 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(212, 111, 166)` looks like.

```
.text, #text, p{  
    color:rgb(212, 111, 166)  
}
```

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(212, 111, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 111, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 47.654, 346.030 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(212, 111, 166) }
```

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

```
.border{ border-color:rgb(212, 111, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 111, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 111, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 111, 166);  
box-shadow:4px 4px 4px 4px rgb(212, 111,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 47.654, 346.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 111, 166) }
```

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

```
.background{ background-color: rgb(212,  
111, 166) }
```

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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