

Converting Colors

CIELCh(60, 45.559, 350.303)

Have a look what the booklet for
CIELCh(60, 45.559, 350.303)
contains.

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Color

CIELCh(60, 45.366, 350.464)

Conversions

Conversions Part 1

Format	Color
Hex	D4709F
RGB	212, 112, 159
RGB Percent	83%, 44%, 62%
CMY	0.1683, 0.5604, 0.3761
CMYK	0.00, 0.47, 0.25, 0.17
HSL	332°, 54%, 64%
HSV	332°, 47%, 83%
XYZ	39.2461, 28.1233, 36.1985
YIQ	147.2580, 44.5130, 35.8170

Conversions

Conversions Part 2

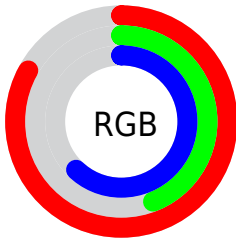
Format	Color
R_{YB}	212, 112, 159
Decimal	13922463
CIE Lab	60.00, 44.74, -7.52
CIE LCh	60, 45.366, 350.464
Yxy	28.1233, 0.3789, 0.2715
Android (android.graphics.Color)	4292112543 (0xFFD4709F)
YUV	147.2580, 5.7888, 56.7787
Hunter-Lab	53.0314, 39.2944, -3.3485

Details

The CIELCh color $60, 45.366, 350.464$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $78, 42.603, 160.356$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 40.826, 344.823$, and $40, 45.316, 350.324$ is the 20% darker color. If you saturate the color by 10%, you get $56, 54.067, 352.138$, and if you desaturate by 10%, it is $65, 35.940, 349.066$.

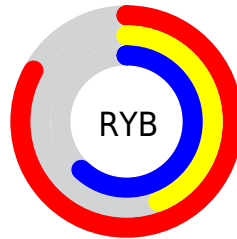
Distribution



Red (83%)

Green (44%)

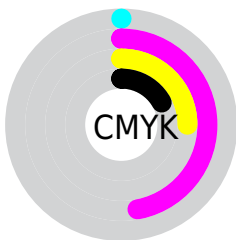
Blue (62%)



Red (83%)

Yellow (44%)

Blue (62%)

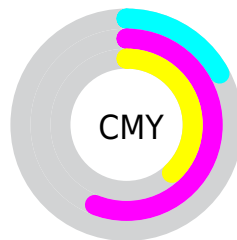


Cyan (0%)

Magenta (47%)

Yellow (25%)

Black (17%)



Cyan (17%)

Magenta (56%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 45.366, 350.464 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, 45.366, 350.464 by changing the saturation by 10% instead.


 60, 45.366,
350.464


 60, 45.366,
350.464


 100, 45.366,
350.464


 50, 45.366,
350.464


 80, 45.366,
350.464

 40, 45.366,
350.464

 90, 45.366,
350.464

 30, 45.366,
350.464

 20, 45.366,
350.464

 10, 45.366,
350.464

 0, 45.366, 350.464

 60, 45.366,

 60, 45.366,

350.464

350.464

■ 56, 54.067,
352.138

■ 65, 35.940,
349.066

■ 52, 61.569,
354.189

■ 70, 26.192,
347.866

■ 49, 67.383,
356.762

■ 75, 16.402,
346.812

■ 47, 71.183, 0.023

■ 81, 6.755, 345.846

■ 46, 73.062, 4.109

■ 87, 2.641, 165.240

■ 46, 73.488, 5.349

■ 92, 11.731,
164.354

■ 97, 17.348,
167.794

■ 97, 14.883,
186.601

■ 97, 14.338,
198.550

Harmonies

Complementary

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



60, 45.366, 350.464



78, 42.603, 160.356

Rectangle

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



60, 45.366, 350.464



60, 45.366, 40.464



60, 45.366, 170.464



60, 45.366, 220.464

Sweetspot

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



60, 45.363, 350.465



91, 15.495, 346.516



56, 59.134, 311.978



47, 10.725, 346.730



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, 45.363, 350.465



66, 62.553, 352.221



59, 42.454, 25.627



42, 5.421, 346.064



36, 62.582, 4.588



5, 23.246, 356.265

Inverse Universe

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



60, 45.363, 350.465



66, 62.553, 352.221



79, 30.032, 199.014



42, 5.421, 346.064



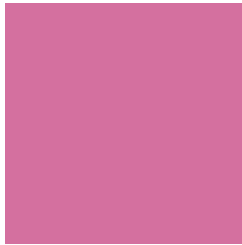
36, 62.582, 4.588



5, 23.246, 356.265

Previews

White Background



This preview shows how the CIELCh color 60, 45.366, 350.464 looks on a white background.

Color Contrast Check

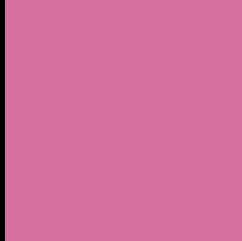
Large Text (above 18pt) WCAG AA ✓ Pass

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, 45.366, 350.464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

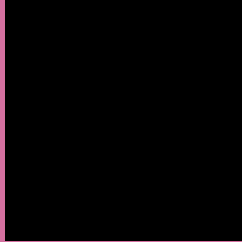
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 45.366, 350.464

Background



This preview shows how black text looks on a background with the CIELCh color 60, 45.366, 350.464.

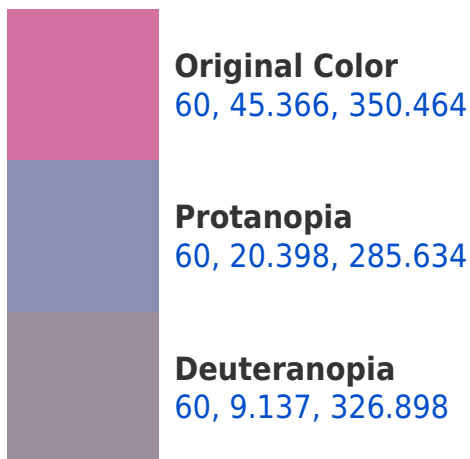


This preview shows how white text looks on a background with the CIELCh color 60, 45.366, 350.464.

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](#).

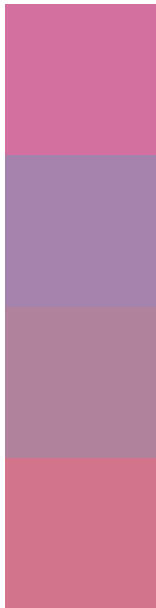
Dichromacy





Tritanopia
60, 38.070, 16.539

Trichromacy



Original Color
60, 45.366, 350.464

Protanomaly
59, 25.590, 319.824

Deuteranomaly
60, 22.972, 342.462

Tritanomaly
60, 39.539, 5.735

Monochromacy



Original Color
60, 45.366, 350.464

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 17.330, 347.849

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 45.366, 350.464 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, 112, 159)` looks like.

```
.text, #text, p{  
    color:rgb(212, 112, 159)  
}
```

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, 112, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 112, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 45.366, 350.464 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, 112, 159) }
```

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

```
.border{ border-color:rgb(212, 112, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 112, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 112, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 112, 159);  
box-shadow:4px 4px 4px 4px rgb(212, 112,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 45.366, 350.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 112, 159) }
```

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

```
.background{ background-color: rgb(212,  
112, 159) }
```

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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