

Converting Colors

CIE LCh(76, 16.375, 354.337)

Have a look what the booklet for
CIELCh(76, 16.375, 354.337)
contains.

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Color

CIELCh(76, 16.457, 353.756)

Conversions

Conversions Part 1

Format	Color
Hex	D8B1BF
RGB	216, 177, 191
RGB Percent	85%, 69%, 75%
CMY	0.1524, 0.3053, 0.2504
CMYK	0.00, 0.18, 0.12, 0.15
HSL	338°, 33%, 77%
HSV	338°, 18%, 85%
XYZ	53.5301, 49.8872, 56.1784
YIQ	190.2570, 18.7500, 12.6220

Conversions

Conversions Part 2

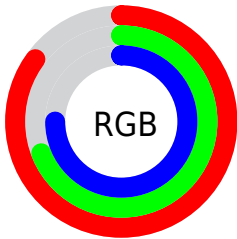
Format	Color
R _Y B	216, 177, 191
Decimal	14201279
CIE Lab	76.00, 16.36, -1.79
CIE LCh	76, 16.457, 353.756
Yxy	49.8872, 0.3354, 0.3126
Android (android.graphics.Color)	4292391359 (0xFFD8B1BF)
YUV	190.2570, 0.3663, 22.5766
Hunter-Lab	70.6309, 11.6784, 2.2836

Details

The CIELCh color $76, 16.457, 353.756$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $83, 15.782, 170.341$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 10.637, 337.571$, and $56, 16.762, 353.000$ is the 20% darker color. If you saturate the color by 10%, you get $70, 25.917, 354.964$, and if you desaturate by 10%, it is $82, 7.214, 352.688$.

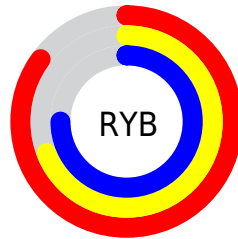
Distribution



Red (85%)

Green (69%)

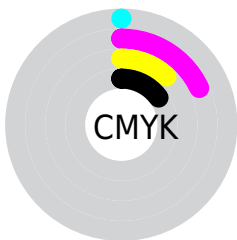
Blue (75%)



Red (85%)

Yellow (69%)

Blue (75%)

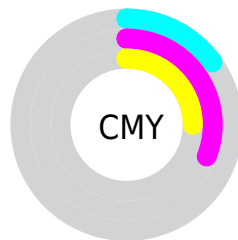


Cyan (0%)

Magenta (18%)

Yellow (12%)

Black (15%)



Cyan (15%)


Magenta (31%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 16.457, 353.756 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 76, 16.457, 353.756 by changing the saturation by 10% instead.


 76, 16.457,
353.756


 76, 16.457,
353.756


 100, 16.457,
353.756


 66, 16.457,
353.756


 96, 16.457,
353.756

 56, 16.457,
353.756

 46, 16.457,
353.756

 36, 16.457,
353.756

 26, 16.457,
353.756

 16, 16.457,
353.756

 6, 16.457, 353.756

0, 16.457, 353.756

76, 16.457,
353.756

76, 16.457,
353.756

70, 25.917,
354.964

82, 7.214, 352.688

88, 1.713, 172.126

65, 35.437,
356.371

93, 10.285,
171.078

60, 44.751,
358.058

97, 14.014,
180.601

56, 53.490, 0.129

97, 13.045,
198.635

52, 61.203, 2.725

49, 67.460, 6.019

47, 72.033, 10.182

■ 46, 75.169, 15.246

■ 46, 75.772, 16.260

Harmonies

Complementary

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



76, 16.457, 353.756



83, 15.782, 170.341

Rectangle

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



76, 16.457, 353.756



76, 16.457, 43.756



76, 16.457, 173.756



76, 16.457, 223.756

Sweetspot

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



76, 16.455, 353.760



97, 5.101, 352.362



75, 22.891, 314.347



51, 3.484, 352.442



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 16.455, 353.760



86, 23.081, 354.240



77, 13.389, 32.323



42, 5.064, 352.831



36, 63.382, 15.279



5, 22.510, 3.067

Inverse Universe

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



76, 16.455, 353.760



86, 23.081, 354.240



82, 11.856, 212.139



42, 5.064, 352.831



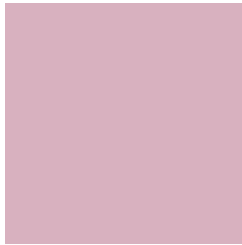
36, 63.382, 15.279



5, 22.510, 3.067

Previews

White Background



This preview shows how the CIELCh color 76, 16.457, 353.756 looks on a white background.

Color Contrast Check

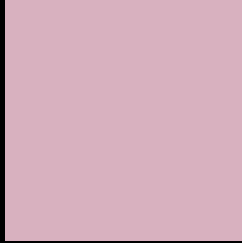
Large Text (above 18pt) WCAG AA × Fail

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 76, 16.457, 353.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

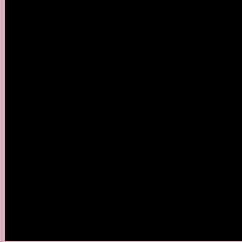
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 16.457, 353.756

Background



This preview shows how black text looks on a background with the CIELCh color 76, 16.457, 353.756.



This preview shows how white text looks on a background with the CIELCh color 76, 16.457, 353.756.

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
76, 16.457, 353.756

Protanopia
76, 5.986, 297.689

Deuteranopia
76, 9.295, 352.662



Tritanopia
76, 16.457, 353.756

Trichromacy



Original Color
76, 16.457, 353.756

Protanomaly
76, 8.542, 330.959

Deuteranomaly
76, 11.799, 353.369

Tritanomaly
76, 16.457, 353.756

Monochromacy



Original Color
76, 16.457, 353.756

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 6.218, 354.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 16.457, 353.756 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(216, 177, 191)` looks like.

```
.text, #text, p{  
    color:rgb(216, 177, 191)  
}
```

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(216, 177, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 177, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 16.457, 353.756 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(216, 177, 191) }
```

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

```
.border{ border-color:rgb(216, 177, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 177, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 177, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 177, 191);  
box-shadow:4px 4px 4px 4px rgb(216, 177,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 16.457, 353.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 177, 191) }
```

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

```
.background{ background-color: rgb(216,  
177, 191) }
```

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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