

Converting Colors

CIELCh(76, 6.215, 336.030)

Have a look what the booklet for
CIELCh(76, 6.215, 336.030) contains.

CIELCh(76, 6.216, 336.036)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 6.216, 336.036)

Conversions

Conversions Part 1

Format	Color
Hex	C4B8C0
RGB	196, 184, 192
RGB Percent	77%, 72%, 75%
CMY	0.2309, 0.2780, 0.2466
CMYK	0.00, 0.06, 0.02, 0.23
HSL	320°, 9%, 75%
HSV	320°, 6%, 77%
XYZ	49.4832, 49.8872, 56.9539
YIQ	188.5000, 4.5840, 5.0320

Conversions

Conversions Part 2

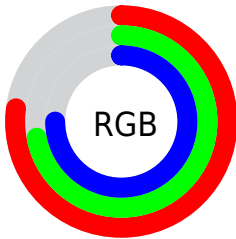
Format	Color
R_{YB}	196, 184, 192
Decimal	12892352
CIE Lab	76.00, 5.68, -2.52
CIE LCh	76, 6.216, 336.036
Yxy	49.8872, 0.3165, 0.3191
Android (android.graphics.Color)	4291082432 (0xFFC4B8C0)
YUV	188.5000, 1.7255, 6.5775
Hunter-Lab	70.6309, 1.4510, 1.6325

Details

The CIELCh color $76, 6.216, 336.036$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 6.181, 155.294$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 6.182, 338.232$, and $56, 6.323, 333.663$ is the 20% darker color. If you saturate the color by 10%, you get $71, 16.495, 336.805$, and if you desaturate by 10%, it is $81, 3.886, 155.500$.

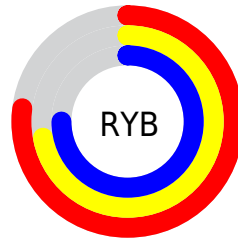
Distribution



Red (77%)

Green (72%)

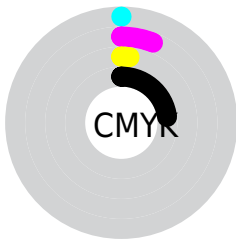
Blue (75%)



Red (77%)

Yellow (72%)

Blue (75%)

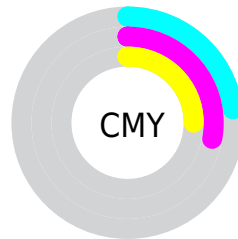


Cyan (0%)

Magenta (6%)

Yellow (2%)

Black (23%)



Cyan (23%)

Magenta (28%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 6.216, 336.036 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, 6.216, 336.036 by changing the saturation by 10% instead.

■ 76, 6.216, 336.036

■ 76, 6.216, 336.036

■ 100, 6.216,
336.036

■ 66, 6.216, 336.036

■ 96, 6.216, 336.036

■ 56, 6.216, 336.036

■ 46, 6.216, 336.036

■ 36, 6.216, 336.036

■ 26, 6.216, 336.036

■ 16, 6.216, 336.036

■ 6, 6.216, 336.036

■ 0, 6.216, 336.036

■ 76, 6.216, 336.036

■ 76, 6.216, 336.036

71, 16.495,
336.805

81, 3.886, 155.500

66, 26.832,
337.597

87, 13.732,
154.796

61, 37.023,
338.449

92, 23.289,
154.185

57, 46.777,
339.379

95, 28.077,
155.642

53, 55.695,
340.413

95, 25.777,
160.911

49, 63.295,
341.593

96, 23.705,
167.118

47, 69.078,
342.975

96, 21.929,
174.384

45, 72.660,
344.639

96, 20.531,
182.751

44, 73.961,

96, 19.595,
192.103

346.675

Harmonies

Complementary

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



76, 6.216, 336.036



78, 6.181, 155.294

Rectangle

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



76, 6.216, 336.036



76, 6.216, 26.036



76, 6.216, 156.036



76, 6.216, 206.036

Sweetspot

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



76, 6.214, 336.040



99, 2.509, 335.643



75, 6.660, 303.373



53, 1.427, 335.628



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, 6.214, 336.040



95, 8.806, 336.118



76, 4.624, 6.258



39, 4.567, 336.147



35, 64.154, 347.152



3, 17.752, 342.226

Inverse Universe

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



76, 6.214, 336.040



95, 8.806, 336.118



78, 4.501, 185.418



39, 4.567, 336.147



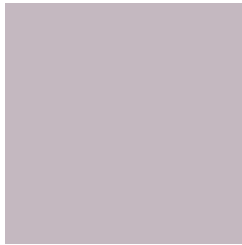
35, 64.154, 347.152



3, 17.752, 342.226

Previews

White Background



This preview shows how the CIELCh color 76, 6.216, 336.036 looks on a white background.

Color Contrast Check

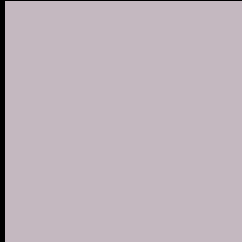
Large Text (above 18pt) WCAG AA × Fail

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 76, 6.216, 336.036 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

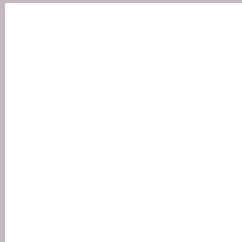
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 6.216, 336.036

Background



This preview shows how black text looks on a background with the CIELCh color 76, 6.216, 336.036.



This preview shows how white text looks on a background with the CIELCh color 76, 6.216, 336.036.

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, 6.216, 336.036

Protanopia

76, 3.948, 306.681

Deuteranopia

76, 9.815, 343.196



Tritanopia
76, 9.615, 322.997

Trichromacy



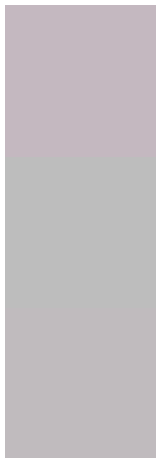
Original Color
76, 6.216, 336.036

Protanomaly
76, 5.050, 321.155

Deuteranomaly
76, 8.314, 339.786

Tritanomaly
76, 8.731, 326.792

Monochromacy



Original Color
76, 6.216, 336.036

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 2.473, 338.678

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 6.216, 336.036 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(196, 184, 192)` looks like.

```
.text, #text, p{  
    color:rgb(196, 184, 192)  
}
```

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(196, 184, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 184, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 6.216, 336.036 is called "border". The border property can be set on classes, ids or directly on the HTML element.

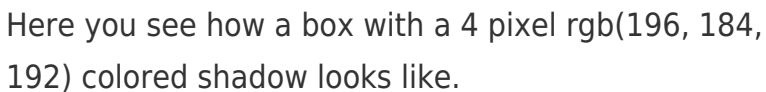
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 184, 192) }
```

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

```
.border{ border-color:rgb(196, 184, 192) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 184, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 184, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 184, 192); box-shadow:4px 4px 4px 4px rgb(196, 184, 192) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 6.216, 336.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 184, 192) }
```

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

```
.background{ background-color: rgb(196,  
184, 192) }
```

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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