

Converting Colors

CIELCh(76, 12.036, 324.910)

Have a look what the booklet for
CIELCh(76, 12.036, 324.910)
contains.

CIELCh(76, 11.767, 324.910)	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, 11.767, 324.910)

Conversions

Conversions Part 1

Format	Color
Hex	C8B6C8
RGB	200, 182, 200
RGB Percent	78%, 71%, 78%
CMY	0.2158, 0.2864, 0.2158
CMYK	0.00, 0.09, 0.00, 0.22
HSL	300°, 14%, 75%
HSV	300°, 9%, 78%
XYZ	50.9547, 49.8872, 61.5686
YIQ	189.4340, 4.9500, 9.4140

Conversions

Conversions Part 2

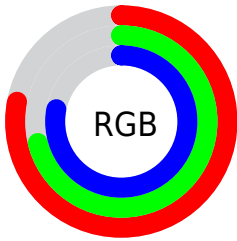
Format	Color
R _Y B	200, 182, 200
Decimal	13153992
CIE Lab	76.00, 9.63, -6.76
CIE LCh	76, 11.767, 324.910
Yxy	49.8872, 0.3137, 0.3072
Android (android.graphics.Color)	4291344072 (0xFFC8B6C8)
YUV	189.4340, 5.2090, 9.2664
Hunter-Lab	70.6309, 5.1698, -2.2412

Details

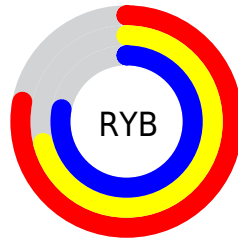
The CIELCh color $76, 11.767, 324.910$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 11.746, 143.938$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 10.602, 324.781$, and $56, 11.793, 325.044$ is the 20% darker color. If you saturate the color by 10%, you get $71, 24.937, 325.467$, and if you desaturate by 10%, it is $81, 1.287, 144.589$.

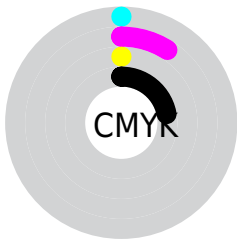
Distribution



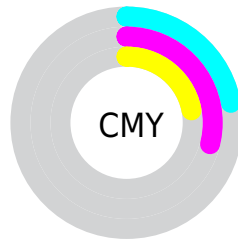
- Red (78%)
- Green (71%)
- Blue (78%)



- Red (78%)
- Yellow (71%)
- Blue (78%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)





- Cyan (22%)
- Magenta (29%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 11.767, 324.910 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, 11.767, 324.910 by changing the saturation by 10% instead.


 76, 11.767,
324.910


 76, 11.767,
324.910


 100, 11.767,
324.910


 66, 11.767,
324.910


 96, 11.767,
324.910

 56, 11.767,
324.910

 46, 11.767,
324.910

 36, 11.767,
324.910

 26, 11.767,
324.910

 16, 11.767,
324.910

 6, 11.767, 324.910

■ 0, 11.767, 324.910

■ 76, 11.767,
324.910

■ 76, 11.767,
324.910

■ 71, 24.937,
325.467

■ 81, 1.287, 144.589

■ 66, 38.029,
326.005

■ 86, 14.089,
143.874

■ 62, 50.753,
326.517

■ 92, 26.562,
143.350

■ 58, 62.724,
326.986

■ 95, 34.494,
143.024

■ 55, 73.473,
327.398

■ 95, 34.494,
143.024

■ 52, 82.496,
327.735

■ 95, 34.494,
143.024

■ 50, 89.349,
327.985

■ 95, 34.494,
143.024

■ 48, 93.783,
328.145

■ 95, 34.494,
143.024

■ 48, 96.045,
328.225

■ 95, 34.494,
143.024

Harmonies

Complementary

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



76, 11.767, 324.910



79, 11.746, 143.938

Rectangle

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



76, 11.767, 324.910



76, 11.767, 14.910



76, 11.767, 144.910



76, 11.767, 194.910

Sweetspot

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



76, 11.765, 324.910



98, 4.763, 324.542



75, 9.573, 290.447



52, 3.611, 324.600



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, 11.765, 324.910



93, 17.537, 325.032



76, 8.381, 343.452



39, 7.382, 324.932



39, 82.760, 328.232



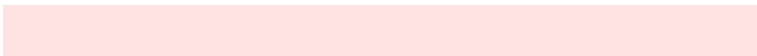
4, 26.742, 327.025

Inverse Universe

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



76, 6.810, 19.892



92, 10.226, 20.063



79, 8.287, 162.075



39, 4.279, 19.922



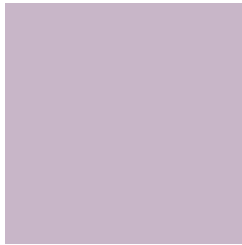
34, 74.644, 39.776



3, 15.885, 19.404

Previews

White Background



This preview shows how the CIELCh color 76, 11.767, 324.910 looks on a white background.

Color Contrast Check

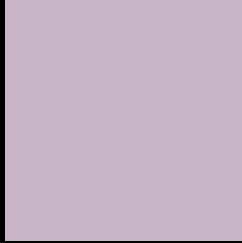
Large Text (above 18pt) WCAG AA × Fail

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, 11.767, 324.910 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, 11.767, 324.910

Background



This preview shows how black text looks on a background with the CIELCh color 76, 11.767, 324.910.



This preview shows how white text looks on a background with the CIELCh color 76, 11.767, 324.910.

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, 11.767, 324.910

Protanopia

76, 9.163, 291.036

Deuteranopia

76, 11.767, 324.910



Tritanopia
76, 10.485, 329.904

Trichromacy



Original Color
76, 11.767, 324.910

Protanomaly
76, 9.447, 304.221

Deuteranomaly
76, 11.767, 324.910

Tritanomaly
76, 10.902, 328.106

Monochromacy



Original Color
76, 11.767, 324.910

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 4.593, 324.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 11.767, 324.910 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(200, 182, 200)` looks like.

```
.text, #text, p{  
    color:rgb(200, 182, 200)  
}
```

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(200, 182, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 182, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 11.767, 324.910 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(200, 182, 200) }
```

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

```
.border{ border-color:rgb(200, 182, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 182, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 182, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 182, 200);  
box-shadow:4px 4px 4px 4px rgb(200, 182,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 11.767, 324.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 182, 200) }
```

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

```
.background{ background-color: rgb(200,  
182, 200) }
```

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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