

Converting Colors

CIELCh(76, 9.573, 20.210)

Have a look what the booklet for
CIELCh(76, 9.573, 20.210) contains.

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Color

CIELCh(76, 9.515, 20.139)

Conversions

Conversions Part 1

Format	Color
Hex	CFB6B6
RGB	207, 182, 182
RGB Percent	81%, 71%, 71%
CMY	0.1897, 0.2876, 0.2877
CMYK	0.00, 0.12, 0.12, 0.19
HSL	0°, 21%, 76%
HSV	0°, 12%, 81%
XYZ	50.6936, 49.8872, 51.0222
YIQ	189.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

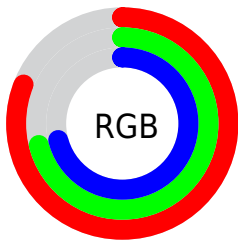
Format	Color
R_{YB}	207, 182, 182
Decimal	13612726
CIE Lab	76.00, 8.93, 3.28
CIE LCh	76, 9.515, 20.139
Yxy	49.8872, 0.3344, 0.3291
Android (android.graphics.Color)	4291802806 (0xFFCFB6B6)
YUV	189.4750, -3.6852, 15.3694
Hunter-Lab	70.6309, 4.5098, 6.6118

Details

The CIELCh color $76, 9.515, 20.139$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 8.810, 198.829$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 6.091, 19.713$, and $56, 9.369, 20.363$ is the 20% darker color. If you saturate the color by 10%, you get $70, 18.074, 21.041$, and if you desaturate by 10%, it is $82, 1.584, 19.185$.

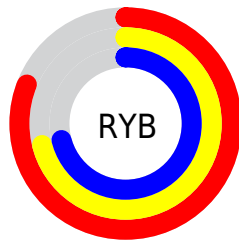
Distribution



Red (81%)

Green (71%)

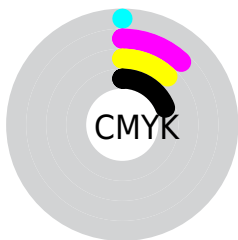
Blue (71%)



Red (81%)

Yellow (71%)

Blue (71%)

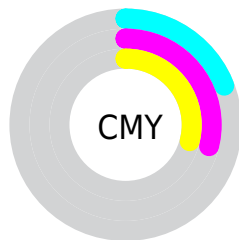


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (19%)



Cyan (19%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 9.515, 20.139 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, 9.515, 20.139 by changing the saturation by 10% instead.

 76, 9.515, 20.139

 76, 9.515, 20.139

 100, 9.515, 20.139

 66, 9.515, 20.139

 96, 9.515, 20.139


 56, 9.515, 20.139


 46, 9.515, 20.139

 36, 9.515, 20.139

 26, 9.515, 20.139

 16, 9.515, 20.139

 6, 9.515, 20.139

 0, 9.515, 20.139

 76, 9.515, 20.139

 76, 9.515, 20.139

70, 18.074, 21.041

82, 1.584, 19.185

65, 27.262, 22.175

88, 5.747, 199.118

60, 37.015, 23.650

94, 12.532,
198.651

55, 47.186, 25.575

97, 16.053,
198.439

51, 57.529, 28.056

48, 67.692, 31.142

45, 77.160, 34.677

44, 84.902, 38.008

43, 89.242, 40.001

Harmonies

Complementary

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



76, 9.515, 20.139



81, 8.810, 198.829

Rectangle

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



76, 9.515, 20.139



76, 9.515, 70.139



76, 9.515, 200.139



76, 9.515, 250.139

Sweetspot

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



76, 9.513, 20.151



97, 3.616, 19.477



77, 16.263, 325.086



51, 2.578, 19.554



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, 9.513, 20.151



90, 14.167, 20.406



79, 8.163, 73.902



41, 4.459, 19.937



35, 76.453, 39.865



4, 20.016, 19.473

Inverse Universe

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



81, 8.810, 198.829



97, 12.850, 198.659



78, 7.925, 257.071



43, 4.203, 198.986



62, 36.706, 196.406



14, 14.036, 196.402

Previews

White Background



This preview shows how the CIELCh color 76, 9.515, 20.139 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, 9.515, 20.139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

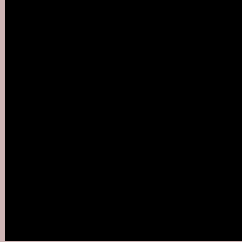
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 9.515, 20.139

Background



This preview shows how black text looks on a background with the CIELCh color 76, 9.515, 20.139.



This preview shows how white text looks on a background with the CIELCh color 76, 9.515, 20.139.

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, 9.515, 20.139

Protanopia

76, 2.181, 66.730

Deuteranopia

76, 10.296, 17.245



Tritanopia
76, 12.867, 344.764

Trichromacy



Original Color
76, 9.515, 20.139

Protanomaly
76, 4.638, 33.004

Deuteranomaly
76, 10.296, 17.245

Tritanomaly
76, 11.225, 354.899

Monochromacy



Original Color
76, 9.515, 20.139

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 3.364, 19.523

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 9.515, 20.139 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(207, 182, 182)` looks like.

```
.text, #text, p{  
    color:rgb(207, 182, 182)  
}
```

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(207, 182, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 182, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 9.515, 20.139 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(207, 182, 182) }
```

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

```
.border{ border-color:rgb(207, 182, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 182, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 182, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 182, 182);  
box-shadow:4px 4px 4px 4px rgb(207, 182,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 9.515, 20.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 182, 182) }
```

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

```
.background{ background-color: rgb(207,  
182, 182) }
```

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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