

Converting Colors

CIELCh(76, 3.520, 220.896)

Have a look what the booklet for
CIELCh(76, 3.520, 220.896) contains.

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Color

CIELCh(76, 3.427, 217.643)

Conversions

Conversions Part 1

Format	Color
Hex	B4BDBF
RGB	180, 189, 191
RGB Percent	71%, 74%, 75%
CMY	0.2939, 0.2586, 0.2508
CMYK	0.06, 0.01, 0.00, 0.25
HSL	191°, 8%, 73%
HSV	191°, 6%, 75%
XYZ	46.4496, 49.8872, 56.4974
YIQ	186.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

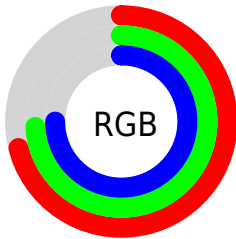
Format	Color
RYB	180, 185, 191
Decimal	11845055
CIELab	76.00, -2.71, -2.09
CIElCh	76, 3.427, 217.643
Yxy	49.8872, 0.3039, 0.3264
Android (android.graphics.Color)	4290035135 (0xFFB4BDBF)
YUV	186.5370, 2.2003, -5.7329
Hunter-Lab	70.6309, -6.2157, 2.0157




Details

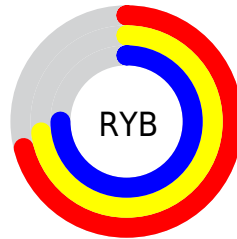
The CIELCh color $76, 3.427, 217.643$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 3.549, 37.145$, and the grayscale version is $76, 0.009, 296.813$.




A 20% lighter version of the original color is $96, 3.276, 217.659$, and $56, 3.621, 217.648$ is the 20% darker color. If you saturate the color by 10%, you get $74, 9.137, 217.789$, and if you desaturate by 10%, it is $78, 2.577, 37.099$.

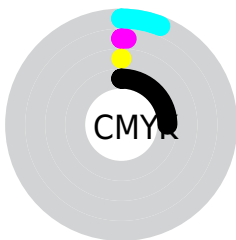
Distribution







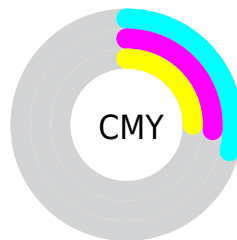
-  Red (71%)
-  Green (74%)
-  Blue (75%)






-  Red (71%)
-  Yellow (73%)
-  Blue (75%)



-  Cyan (6%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (25%)



-  Cyan (29%)
-  Magenta (26%)
-  Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 3.427, 217.643 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, 3.427, 217.643 by changing the saturation by 10% instead.

■ 76, 3.427, 217.643

■ 76, 3.427, 217.643

■ 100, 3.427,
217.643

■ 66, 3.427, 217.643

■ 96, 3.427, 217.643

■ 56, 3.427, 217.643

■ 46, 3.427, 217.643

■ 36, 3.427, 217.643

■ 26, 3.427, 217.643

■ 16, 3.427, 217.643

■ 6, 3.427, 217.643

■ 0, 3.427, 217.643

■ 76, 3.427, 217.643

■ 76, 3.427, 217.643

74, 9.137, 217.789

78, 2.577, 37.099

72, 14.471,
218.198

81, 8.807, 37.186

70, 19.339,
218.818

83, 15.201, 37.225

68, 23.649,
219.693

86, 21.151, 37.716

66, 27.316,
220.881

88, 20.132, 49.346

64, 30.272,
222.452

88, 19.962, 55.472

63, 32.484,
224.483

89, 20.027, 61.622

61, 33.974,
227.049

90, 20.324, 67.652

60, 34.834,
230.199

Harmonies

Complementary

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



76, 3.427, 217.643



75, 3.549, 37.145

Rectangle

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



76, 3.427, 217.643



76, 3.427, 267.643



76, 3.427, 37.643



76, 3.427, 87.643

Sweetspot

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



76, 3.428, 217.611



97, 1.482, 217.820



76, 6.428, 149.083



52, 0.850, 217.841



99, 0.012, 296.813



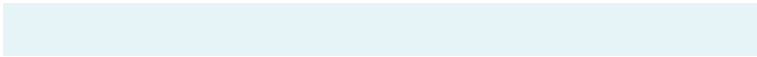
52, 0.007, 296.813

Same Dimension

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



76, 3.428, 217.611



95, 5.123, 217.612



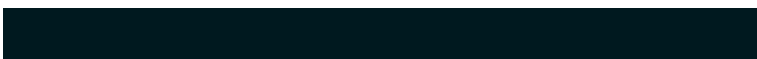
75, 4.163, 271.905



39, 2.661, 217.614



50, 30.513, 231.065



7, 9.560, 225.353

Inverse Universe

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



74, 6.381, 330.194



93, 9.577, 330.285



76, 4.153, 90.366



38, 4.980, 330.309



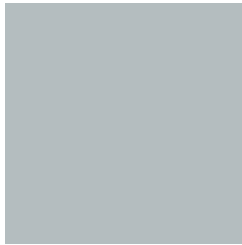
36, 70.308, 336.929



3, 17.948, 333.221

Previews

White Background



This preview shows how the CIELCh color 76, 3.427, 217.643 looks on a white background.

Color Contrast Check

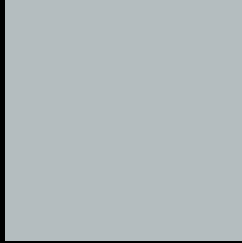
Large Text (above 18pt) WCAG AA × Fail

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, 3.427, 217.643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

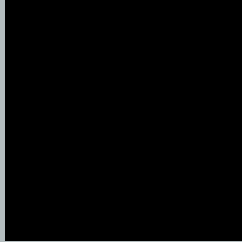
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

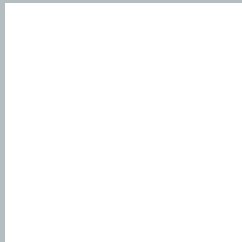
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 3.427, 217.643

Background



This preview shows how black text looks on a background with the CIELCh color 76, 3.427, 217.643.

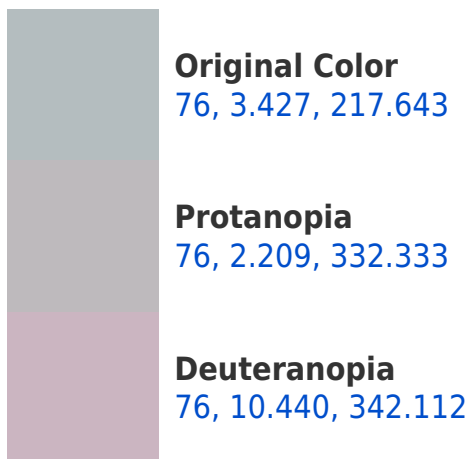


This preview shows how white text looks on a background with the CIELCh color 76, 3.427, 217.643.

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
76, 8.241, 278.481

Trichromacy



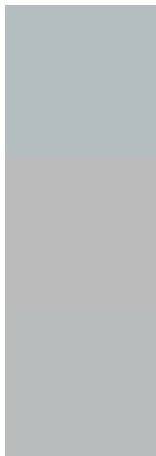
Original Color
76, 3.427, 217.643

Protanomaly
76, 1.658, 277.583

Deuteranomaly
76, 5.955, 333.522

Tritanomaly
76, 5.897, 265.516

Monochromacy



Original Color
76, 3.427, 217.643

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.470, 199.647

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 3.427, 217.643 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(180, 189, 191)` looks like.

```
.text, #text, p{  
    color:rgb(180, 189, 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(180, 189, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 189, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 3.427, 217.643 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(180, 189, 191) }
```

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

```
.border{ border-color:rgb(180, 189, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 189, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 189, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 189, 191);  
box-shadow:4px 4px 4px 4px rgb(180, 189,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 3.427, 217.643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 189, 191) }
```

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

```
.background{ background-color: rgb(180,  
189, 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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