

Converting Colors

CIELCh(76, 3.414, 266.141)

Have a look what the booklet for
CIELCh(76, 3.414, 266.141) contains.

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Color

CIELCh(76, 3.522, 266.159)

Conversions

Conversions Part 1

Format	Color
Hex	B8BCC2
RGB	184, 188, 194
RGB Percent	72%, 74%, 76%
CMY	0.2795, 0.2638, 0.2403
CMYK	0.05, 0.03, 0.00, 0.24
HSL	216°, 8%, 74%
HSV	216°, 5%, 76%
XYZ	47.3317, 49.8872, 58.0094
YIQ	187.4880, -4.3100, 1.0180

Conversions

Conversions Part 2

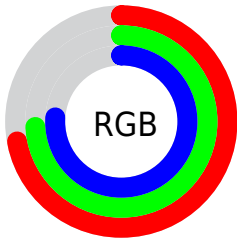
Format	Color
RYB	184, 187, 194
Decimal	12106946
CIELab	76.00, -0.24, -3.51
CIELCh	76, 3.522, 266.159
Yxy	49.8872, 0.3049, 0.3214
Android (android.graphics.Color)	4290297026 (0xFFB8BCC2)
YUV	187.4880, 3.2104, -3.0590
Hunter-Lab	70.6309, -3.9862, 0.7465

Details

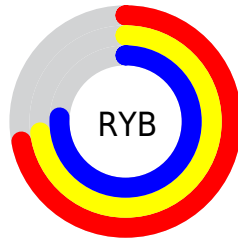
The CIELCh color $76, 3.522, 266.159$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 3.525, 84.668$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 3.359, 266.036$, and $56, 3.226, 262.072$ is the 20% darker color. If you saturate the color by 10%, you get $71, 10.366, 267.523$, and if you desaturate by 10%, it is $81, 3.273, 84.725$.

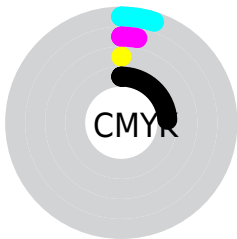
Distribution



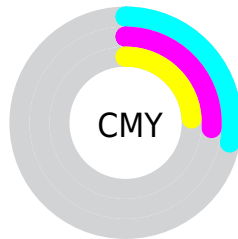
- Red (72%)
- Green (74%)
- Blue (76%)



- Red (72%)
- Yellow (73%)
- Blue (76%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (28%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 3.522, 266.159 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, 3.522, 266.159 by changing the saturation by 10% instead.

■ 76, 3.522, 266.159

■ 76, 3.522, 266.159

■ 100, 3.522,
266.159

■ 66, 3.522, 266.159

■ 96, 3.522, 266.159

■ 56, 3.522, 266.159

■ 46, 3.522, 266.159

■ 36, 3.522, 266.159

■ 26, 3.522, 266.159

■ 16, 3.522, 266.159

■ 6, 3.522, 266.159

■ 0, 3.522, 266.159

■ 76, 3.522, 266.159

■ 76, 3.522, 266.159

71, 10.366,
267.523

81, 3.273, 84.725

67, 17.253,
269.203

85, 10.008, 83.713

90, 16.674, 82.794

63, 24.177,
271.183

93, 22.262, 87.520

58, 31.141,
273.508

96, 26.678,
100.561

54, 38.160,
276.222

99, 30.862,
107.830

50, 45.266,
279.349

46, 52.507,
282.873

42, 59.929,
286.712

38, 67.534,

Harmonies

Complementary

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



76, 3.522, 266.159



77, 3.525, 84.668

Rectangle

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



76, 3.522, 266.159



76, 3.522, 316.159



76, 3.522, 86.159



76, 3.522, 136.159

Sweetspot

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



76, 3.521, 266.132



98, 1.696, 265.847



77, 4.314, 168.052



53, 0.972, 265.845



0, 0.000, 0.000



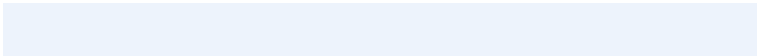
53, 0.007, 296.813

Same Dimension

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



76, 3.521, 266.132



96, 5.076, 266.245



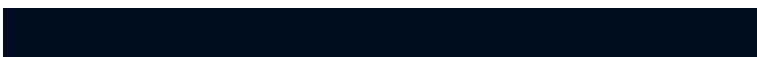
75, 5.417, 293.899



39, 2.709, 266.303



30, 61.132, 291.949



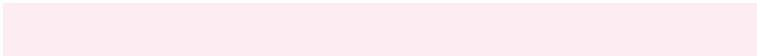
4, 14.194, 276.405

Inverse Universe

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



76, 4.319, 349.751



95, 6.235, 349.852



78, 5.341, 113.025



39, 3.329, 349.900



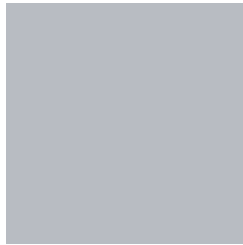
34, 59.968, 11.030



3, 15.101, 358.143

Previews

White Background



This preview shows how the CIELCh color 76, 3.522, 266.159 looks on a white background.

Color Contrast Check

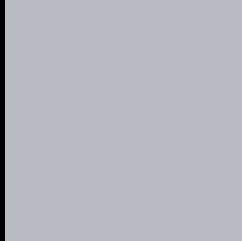
Large Text (above 18pt) WCAG AA × Fail

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, 3.522, 266.159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

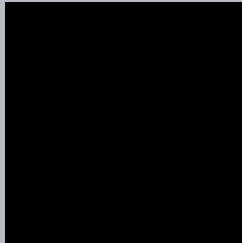
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

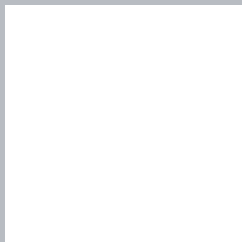
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 3.522, 266.159

Background



This preview shows how black text looks on a background with the CIELCh color 76, 3.522, 266.159.



This preview shows how white text looks on a background with the CIELCh color 76, 3.522, 266.159.

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

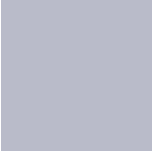
76, 3.522, 266.159

Protanopia

76, 3.948, 306.681

Deuteranopia

76, 10.212, 337.055



Tritanopia
76, 7.563, 285.460

Trichromacy



Original Color
76, 3.522, 266.159

Protanomaly
76, 3.236, 290.498

Deuteranomaly
76, 7.211, 324.713

Tritanomaly
76, 5.959, 283.799

Monochromacy



Original Color
76, 3.522, 266.159

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.140, 271.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 3.522, 266.159 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(184, 188, 194)` looks like.

```
.text, #text, p{  
    color:rgb(184, 188, 194)  
}
```

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(184, 188, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 188, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 3.522, 266.159 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(184, 188, 194) }
```

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

```
.border{ border-color:rgb(184, 188, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 188, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 188, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 188, 194);  
box-shadow:4px 4px 4px 4px rgb(184, 188,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 3.522, 266.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 188, 194) }
```

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

```
.background{ background-color: rgb(184,  
188, 194) }
```

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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