

Converting Colors

CIELCh(76, 2.753, 239.239)

Have a look what the booklet for
CIELCh(76, 2.753, 239.239) contains.

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Color

CIELCh(76, 3.042, 244.587)

Conversions

Conversions Part 1

Format	Color
Hex	B6BCC0
RGB	182, 188, 192
RGB Percent	71%, 74%, 75%
CMY	0.2851, 0.2616, 0.2459
CMYK	0.05, 0.02, 0.00, 0.25
HSL	204°, 7%, 73%
HSV	204°, 5%, 75%
XYZ	46.9496, 49.8872, 57.1907
YIQ	186.6620, -4.8600, -0.0280

Conversions

Conversions Part 2

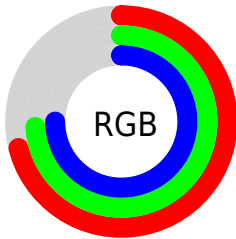
Format	Color
R _Y B	182, 186, 192
Decimal	11975872
CIE Lab	76.00, -1.31, -2.75
CIE LCh	76, 3.042, 244.587
Yxy	49.8872, 0.3048, 0.3239
Android (android.graphics.Color)	4290165952 (0xFFB6BCC0)
YUV	186.6620, 2.6316, -4.0886
Hunter-Lab	70.6309, -4.9520, 1.4338

Details

The CIELCh color $76, 3.042, 244.587$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 3.095, 63.197$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 2.905, 244.502$, and $56, 3.220, 244.755$ is the 20% darker color. If you saturate the color by 10%, you get $73, 8.765, 245.684$, and if you desaturate by 10%, it is $79, 2.825, 63.240$.

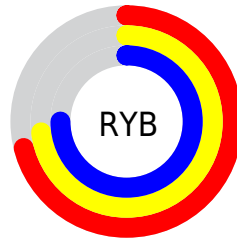
Distribution



Red (71%)

Green (74%)

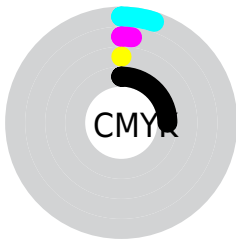
Blue (75%)



Red (71%)

Yellow (73%)

Blue (75%)

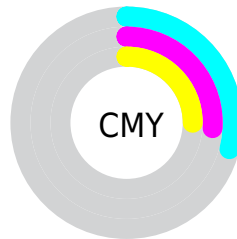


Cyan (5%)

Magenta (2%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (26%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 3.042, 244.587 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, 3.042, 244.587 by changing the saturation by 10% instead.

■ 76, 3.042, 244.587

■ 76, 3.042, 244.587

■ 100, 3.042,
244.587

■ 66, 3.042, 244.587

■ 96, 3.042, 244.587

■ 56, 3.042, 244.587

■ 46, 3.042, 244.587

■ 36, 3.042, 244.587

■ 26, 3.042, 244.587

■ 16, 3.042, 244.587

■ 6, 3.042, 244.587

■ 0, 3.042, 244.587

■ 76, 3.042, 244.587

■ 76, 3.042, 244.587

73, 8.765, 245.684

79, 2.825, 63.240

69, 14.301,
247.155

83, 8.797, 62.498

66, 19.608,
248.961

87, 14.841, 61.808

63, 24.641,
251.167

90, 19.710, 64.349

60, 29.374,
253.847

92, 20.894, 77.335

56, 33.798,
257.071

94, 23.021, 88.349

95, 25.844, 97.150

54, 37.948,
260.884

97, 29.144,
104.010

99, 31.574,
107.776

51, 41.905,
265.276

48, 45.800,
270.141

Harmonies

Complementary

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



76, 3.042, 244.587



76, 3.095, 63.197

Rectangle

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



76, 3.042, 244.587



76, 3.042, 294.587



76, 3.042, 64.587



76, 3.042, 114.587

Sweetspot

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



76, 3.042, 244.550



97, 1.456, 244.426



77, 4.982, 157.553



52, 0.828, 244.435



99, 0.012, 296.813



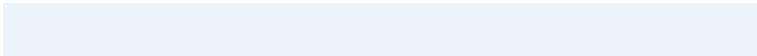
52, 0.007, 296.813

Same Dimension

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



76, 3.042, 244.550



96, 4.335, 244.630



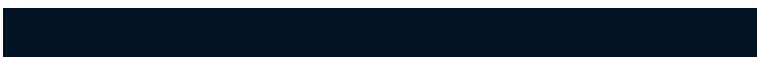
75, 4.790, 285.565



40, 2.331, 244.674



40, 41.332, 271.722



5, 11.516, 259.272

Inverse Universe

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



75, 4.954, 338.930



94, 7.076, 339.008



77, 4.735, 104.418



39, 3.809, 339.048



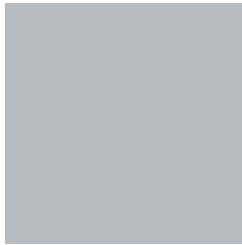
35, 61.986, 352.511



3, 16.871, 346.246

Previews

White Background



This preview shows how the CIELCh color 76, 3.042, 244.587 looks on a white background.

Color Contrast Check

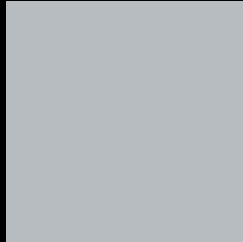
Large Text (above 18pt) WCAG AA × Fail

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, 3.042, 244.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

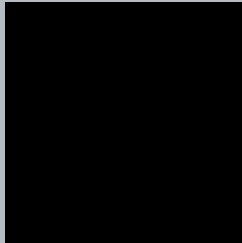
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

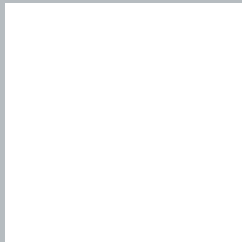
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 3.042, 244.587

Background



This preview shows how black text looks on a background with the CIELCh color 76, 3.042, 244.587.



This preview shows how white text looks on a background with the CIELCh color 76, 3.042, 244.587.

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, 3.042, 244.587

Protanopia

76, 2.930, 312.541

Deuteranopia

76, 9.857, 339.341



Tritanopia
76, 8.131, 283.381

Trichromacy



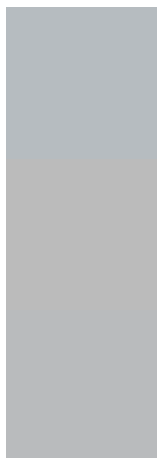
Original Color
76, 3.042, 244.587

Protanomaly
76, 2.161, 290.408

Deuteranomaly
76, 6.355, 330.196

Tritanomaly
76, 6.074, 277.059

Monochromacy



Original Color
76, 3.042, 244.587

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.301, 255.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 3.042, 244.587 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(182, 188, 192)` looks like.

```
.text, #text, p{  
    color:rgb(182, 188, 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(182, 188, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 188, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 3.042, 244.587 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(182, 188, 192) }
```

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

```
.border{ border-color:rgb(182, 188, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 188, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 188, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 188, 192);  
box-shadow:4px 4px 4px 4px rgb(182, 188,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 3.042, 244.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 188, 192) }
```

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

```
.background{ background-color: rgb(182,  
188, 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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