

Converting Colors

CIELCh(76, 5.060, 158.751)

Have a look what the booklet for
CIELCh(76, 5.060, 158.751) contains.

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Color

CIELCh(76, 4.932, 158.313)

Conversions

Conversions Part 1

Format	Color
Hex	B4BEB8
RGB	180, 190, 184
RGB Percent	71%, 75%, 72%
CMY	0.2948, 0.2556, 0.2791
CMYK	0.05, 0.00, 0.03, 0.26
HSL	144°, 7%, 72%
HSV	144°, 5%, 74%
XYZ	45.7913, 49.8872, 52.4678
YIQ	186.3260, -4.0340, -3.9860

Conversions

Conversions Part 2

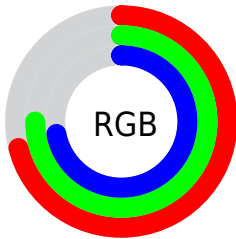
Format	Color
RYB	180, 187, 190
Decimal	11845304
CIELab	76.00, -4.58, 1.82
CIELCh	76, 4.932, 158.313
Yxy	49.8872, 0.3091, 0.3367
Android (android.graphics.Color)	4290035384 (0xFFB4BEB8)
YUV	186.3260, -1.1467, -5.5479
Hunter-Lab	70.6309, -7.8793, 5.3984

Details

The CIELCh color `76, 4.932, 158.313` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `74, 4.966, 338.945`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 4.694, 158.419`, and `56, 5.244, 158.151` is the 20% darker color. If you saturate the color by 10%, you get `74, 14.350, 157.449`, and if you desaturate by 10%, it is `78, 4.418, 338.878`.

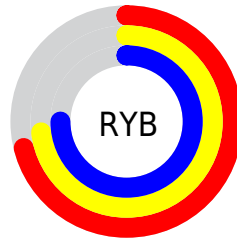
Distribution



Red (71%)

Green (75%)

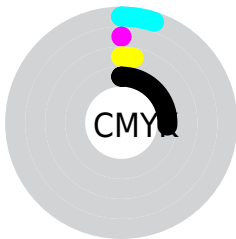
Blue (72%)



Red (71%)

Yellow (73%)

Blue (75%)

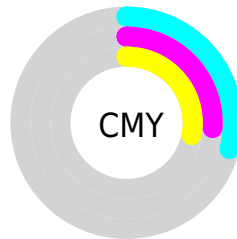


Cyan (5%)

Magenta (0%)

Yellow (3%)

Black (26%)



Cyan (29%)

Magenta (26%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 4.932, 158.313 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, 4.932, 158.313 by changing the saturation by 10% instead.

■ 76, 4.932, 158.313

■ 76, 4.932, 158.313

■ 100, 4.932,
158.313

■ 66, 4.932, 158.313

■ 96, 4.932, 158.313

■ 56, 4.932, 158.313

■ 46, 4.932, 158.313

■ 36, 4.932, 158.313

■ 26, 4.932, 158.313

■ 16, 4.932, 158.313

■ 6, 4.932, 158.313

■ 0, 4.932, 158.313

■ 76, 4.932, 158.313

■ 76, 4.932, 158.313

74, 14.350,
157.449

78, 4.418, 338.878

73, 23.728,
156.523

80, 13.627,
339.583

72, 32.937,
155.478

82, 22.638,
340.183

71, 41.827,
154.288

84, 31.211,
340.361

70, 50.234,
152.930

84, 35.190,
332.843

69, 57.998,
151.382

85, 39.689,
327.056

68, 64.980,
149.632

85, 40.862,
325.842

68, 71.092,
147.687

68, 76.311,

Harmonies

Complementary

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



76, 4.932, 158.313



74, 4.966, 338.945

Rectangle

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



76, 4.932, 158.313



76, 4.932, 208.313



76, 4.932, 338.313



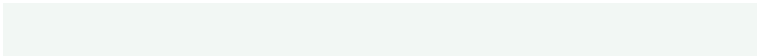
76, 4.932, 28.313

Sweetspot

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



76, 4.934, 158.307



97, 2.313, 158.666



76, 5.560, 124.648



52, 1.326, 158.684



99, 0.012, 296.813



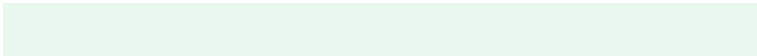
52, 0.007, 296.813

Same Dimension

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



76, 4.934, 158.307



96, 6.970, 158.234



76, 3.717, 189.521



39, 3.700, 158.195



57, 68.126, 144.934



9, 17.704, 153.461

Inverse Universe

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



74, 4.966, 338.945



94, 7.016, 339.017



74, 3.816, 10.101



38, 3.725, 339.055



34, 61.270, 352.483



3, 14.866, 345.668

Previews

White Background



This preview shows how the CIELCh color 76, 4.932, 158.313 looks on a white background.

Color Contrast Check

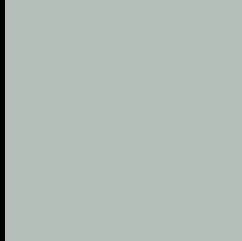
Large Text (above 18pt) WCAG AA × Fail

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, 4.932, 158.313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

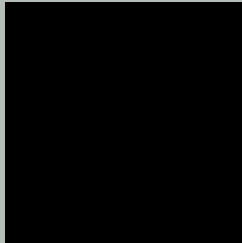
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

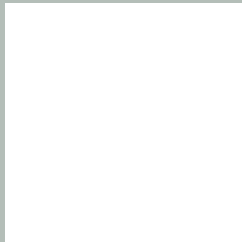
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 4.932, 158.313

Background



This preview shows how black text looks on a background with the CIELCh color 76, 4.932, 158.313.



This preview shows how white text looks on a background with the CIELCh color 76, 4.932, 158.313.

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](#).

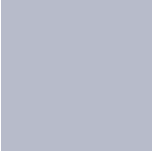
Dichromacy



Original Color
76, 4.932, 158.313

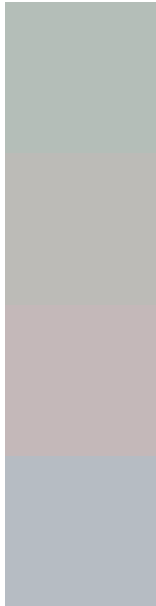
Protanopia
76, 3.096, 63.232

Deuteranopia
76, 9.810, 4.356



Tritanopia
76, 8.179, 280.912

Trichromacy



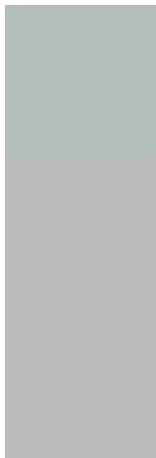
Original Color
76, 4.932, 158.313

Protanomaly
76, 2.169, 100.039

Deuteranomaly
76, 4.534, 12.871

Tritanomaly
76, 4.316, 260.402

Monochromacy



Original Color
76, 4.932, 158.313

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.550, 155.770

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 4.932, 158.313 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, 190, 184)` looks like.

```
.text, #text, p{  
    color:rgb(180, 190, 184)  
}
```

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, 190, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 190, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 4.932, 158.313 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, 190, 184) }
```

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

```
.border{ border-color:rgb(180, 190, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 190, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 190, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 190, 184);  
box-shadow:4px 4px 4px 4px rgb(180, 190,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 4.932, 158.313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 190, 184) }
```

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

```
.background{ background-color: rgb(180,  
190, 184) }
```

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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