

Converting Colors

CIELCh(76, 1.888, 274.135)

Have a look what the booklet for
CIELCh(76, 1.888, 274.135) contains.

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Color

CIELCh(76, 2.186, 280.766)

Conversions

Conversions Part 1

Format	Color
Hex	BABBBF
RGB	186, 187, 191
RGB Percent	73%, 73%, 75%
CMY	0.2696, 0.2657, 0.2500
CMYK	0.03, 0.02, 0.00, 0.25
HSL	228°, 4%, 74%
HSV	228°, 3%, 75%
XYZ	47.5630, 49.8872, 56.5550
YIQ	187.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

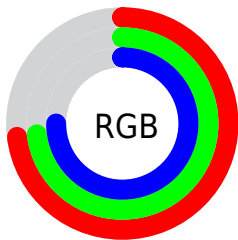
Format	Color
R _Y B	186, 187, 191
Decimal	12237759
CIE Lab	76.00, 0.41, -2.15
CIE LCh	76, 2.186, 280.766
Yxy	49.8872, 0.3088, 0.3239
Android (android.graphics.Color)	4290427839 (0xFFBABBBF)
YUV	187.1570, 1.8946, -1.0147
Hunter-Lab	70.6309, -3.4019, 1.9675

Details

The CIELCh color $76, 2.186, 280.766$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 2.161, 100.005$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 2.084, 280.721$, and $56, 2.321, 280.854$ is the 20% darker color. If you saturate the color by 10%, you get $71, 10.654, 281.914$, and if you desaturate by 10%, it is $81, 6.050, 99.566$.

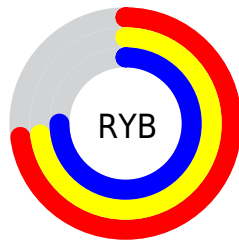
Distribution



Red (73%)

Green (73%)

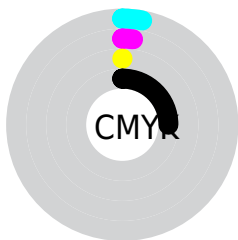
Blue (75%)



Red (73%)

Yellow (73%)

Blue (75%)

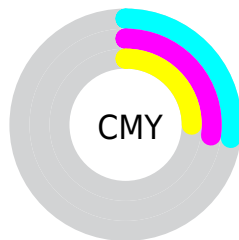


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (27%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 2.186, 280.766 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, 2.186, 280.766 by changing the saturation by 10% instead.

■ 76, 2.186, 280.766

■ 76, 2.186, 280.766

100, 2.186,
280.766

■ 66, 2.186, 280.766

■ 96, 2.186, 280.766

■ 56, 2.186, 280.766

■ 46, 2.186, 280.766

■ 36, 2.186, 280.766

■ 26, 2.186, 280.766

■ 16, 2.186, 280.766

■ 6, 2.186, 280.766

■ 0, 2.186, 280.766

■ 76, 2.186, 280.766

■ 76, 2.186, 280.766

71, 10.654,
281.914

81, 6.050, 99.566

65, 19.376,
283.354

87, 14.063, 98.657

60, 28.370,
285.043

92, 21.864, 97.857

54, 37.664,
287.012

97, 29.046,
102.950

49, 47.285,
289.290

99, 32.091,
107.736

43, 57.245,
291.879

38, 67.497,
294.729

34, 77.838,
297.714

30, 87.774,

300.615

Harmonies

Complementary

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



76, 2.186, 280.766



77, 2.161, 100.005

Rectangle

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



76, 2.186, 280.766



76, 2.186, 330.766



76, 2.186, 100.766



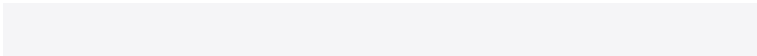
76, 2.186, 150.766

Sweetspot

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



76, 2.184, 280.729



97, 1.034, 280.656



77, 1.930, 182.010



52, 0.593, 280.660



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, 2.184, 280.729



95, 3.088, 280.769



76, 2.758, 301.310



39, 1.874, 280.838



22, 80.978, 302.104



2, 14.968, 284.261

Inverse Universe

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



76, 1.943, 3.182



95, 2.749, 3.257



77, 2.726, 121.039



39, 1.670, 3.361



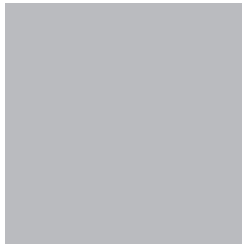
33, 64.592, 28.690



3, 12.532, 8.012

Previews

White Background



This preview shows how the CIELCh color 76, 2.186, 280.766 looks on a white background.

Color Contrast Check

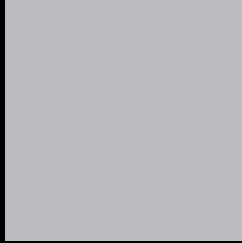
Large Text (above 18pt) WCAG AA × Fail

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, 2.186, 280.766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

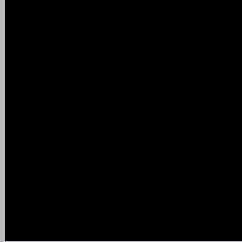
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

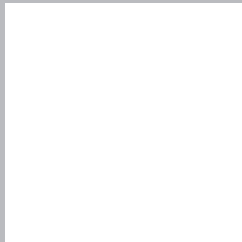
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 2.186, 280.766

Background



This preview shows how black text looks on a background with the CIELCh color 76, 2.186, 280.766.

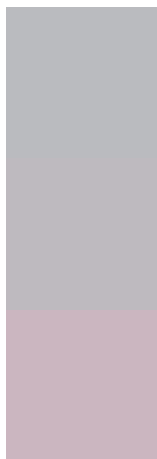


This preview shows how white text looks on a background with the CIELCh color 76, 2.186, 280.766.

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, 2.186, 280.766

Protanopia

76, 3.092, 318.861

Deuteranopia

76, 9.509, 345.795



Tritanopia
76, 7.592, 296.324

Trichromacy



Original Color

76, 2.186, 280.766

Protanomaly

76, 2.930, 312.541

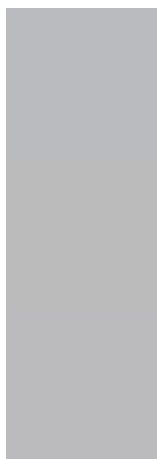
Deuteranomaly

76, 6.488, 338.350

Tritanomaly

76, 5.948, 294.227

Monochromacy



Original Color

76, 2.186, 280.766

Achromatopsia

76, 0.009, 296.813

Achromatomaly

76, 1.085, 290.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 2.186, 280.766 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(186, 187, 191)` looks like.

```
.text, #text, p{  
    color:rgb(186, 187, 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(186, 187, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 187, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 2.186, 280.766 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(186, 187, 191) }
```

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

```
.border{ border-color:rgb(186, 187, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 187, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 187, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 187, 191);  
box-shadow:4px 4px 4px 4px rgb(186, 187,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 2.186, 280.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 187, 191) }
```

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

```
.background{ background-color: rgb(186,  
187, 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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