

Converting Colors

CIELCh(76, 7.074, 149.945)

Have a look what the booklet for
CIELCh(76, 7.074, 149.945) contains.

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Color

CIELCh(76, 7.260, 151.228)

Conversions

Conversions Part 1

Format	Color
Hex	B2BFB5
RGB	178, 191, 181
RGB Percent	70%, 75%, 71%
CMY	0.3031, 0.2521, 0.2913
CMYK	0.07, 0.00, 0.05, 0.25
HSL	134°, 9%, 72%
HSV	134°, 7%, 75%
XYZ	45.1700, 49.8872, 50.8073
YIQ	185.9730, -4.5380, -5.8660

Conversions

Conversions Part 2

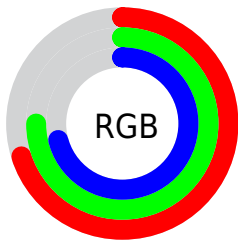
Format	Color
RYB	178, 189, 191
Decimal	11714485
CIELab	76.00, -6.36, 3.49
CIELCh	76, 7.260, 151.228
Yxy	49.8872, 0.3097, 0.3420
Android (android.graphics.Color)	4289904565 (0xFFB2BFB5)
YUV	185.9730, -2.4517, -6.9923
Hunter-Lab	70.6309, -9.4494, 6.7922

Details

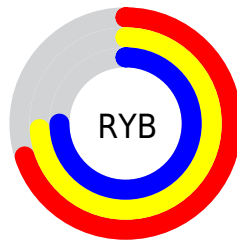
The CIELCh color `76, 7.260, 151.228` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `74, 7.288, 332.013`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 6.910, 151.338`, and `56, 7.721, 151.054` is the 20% darker color. If you saturate the color by 10%, you get `74, 18.009, 150.471`, and if you desaturate by 10%, it is `78, 3.378, 331.727`.

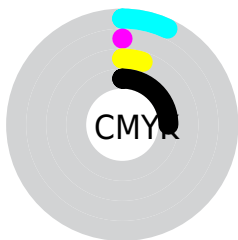
Distribution



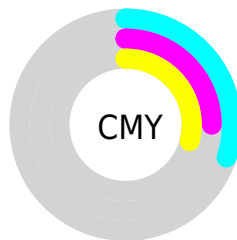
- Red (70%)
- Green (75%)
- Blue (71%)



- Red (70%)
- Yellow (74%)
- Blue (75%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (25%)



- Cyan (30%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 7.260, 151.228 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, 7.260, 151.228 by changing the saturation by 10% instead.

■ 76, 7.260, 151.228

■ 76, 7.260, 151.228

■ 100, 7.260,
151.228

■ 66, 7.260, 151.228

■ 96, 7.260, 151.228

■ 56, 7.260, 151.228

■ 46, 7.260, 151.228

■ 36, 7.260, 151.228

■ 26, 7.260, 151.228

■ 16, 7.260, 151.228

■ 6, 7.260, 151.228

■ 0, 7.260, 151.228

■ 76, 7.260, 151.228

■ 76, 7.260, 151.228

74, 18.009,
150.471

78, 3.378, 331.727

73, 28.742,
149.621

80, 13.821,
332.349

72, 39.305,
148.641

82, 24.008,
332.844

70, 49.509,
147.511

84, 33.899,
333.277

69, 59.140,
146.217

85, 39.922,
326.223

69, 67.973,
144.755

85, 40.314,
325.823

68, 75.793,
143.142

68, 82.412,
141.425

68, 87.702,

139.702

Harmonies

Complementary

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



76, 7.260, 151.228



74, 7.288, 332.013

Rectangle

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



76, 7.260, 151.228



76, 7.260, 201.228



76, 7.260, 331.228



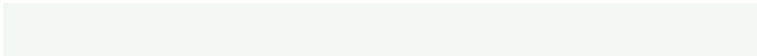
76, 7.260, 21.228

Sweetspot

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



76, 7.262, 151.226



97, 2.617, 151.641



77, 7.044, 118.195



52, 1.499, 151.655



99, 0.012, 296.813



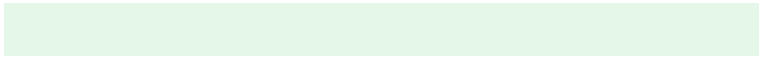
52, 0.007, 296.813

Same Dimension

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



76, 7.262, 151.226



96, 10.538, 151.130



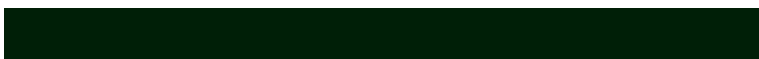
76, 5.178, 176.597



39, 5.997, 151.040



57, 77.124, 139.480



9, 19.353, 149.111

Inverse Universe

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



74, 7.288, 332.013



92, 10.576, 332.104



74, 5.290, 357.672



37, 6.019, 332.187



35, 67.827, 339.912



3, 17.115, 335.885

Previews

White Background



This preview shows how the CIELCh color 76, 7.260, 151.228 looks on a white background.

Color Contrast Check

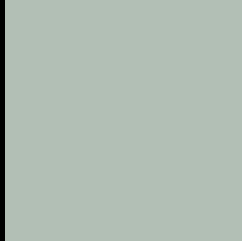
Large Text (above 18pt) WCAG AA × Fail

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, 7.260, 151.228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

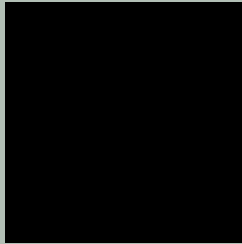
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

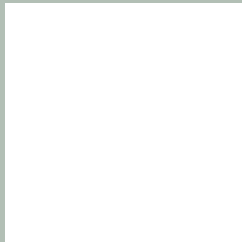
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 7.260, 151.228

Background



This preview shows how black text looks on a background with the CIELCh color 76, 7.260, 151.228.



This preview shows how white text looks on a background with the CIELCh color 76, 7.260, 151.228.

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](#).

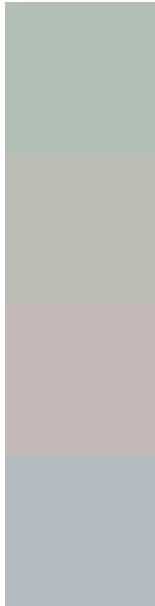
Dichromacy





Tritanopia
76, 8.317, 276.097

Trichromacy



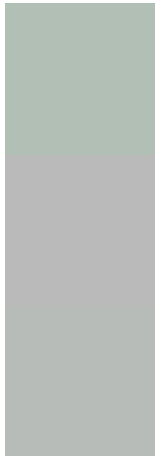
Original Color
76, 7.260, 151.228

Protanomaly
76, 4.843, 114.164

Deuteranomaly
76, 4.438, 40.841

Tritanomaly
76, 4.296, 248.238

Monochromacy



Original Color
76, 7.260, 151.228

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.851, 150.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 7.260, 151.228 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(178, 191, 181)` looks like.

```
.text, #text, p{  
    color:rgb(178, 191, 181)  
}
```

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(178, 191, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 191, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 7.260, 151.228 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(178, 191, 181) }
```

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

```
.border{ border-color:rgb(178, 191, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 191, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 191, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 191, 181);  
box-shadow:4px 4px 4px 4px rgb(178, 191,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 7.260, 151.228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 191, 181) }
```

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

```
.background{ background-color: rgb(178,  
191, 181) }
```

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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