

Converting Colors

CIELCh(76, 4.365, 199.181)

Have a look what the booklet for
CIELCh(76, 4.365, 199.181) contains.

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Color

CIELCh(76, 4.362, 199.182)

Conversions

Conversions Part 1

Format	Color
Hex	B2BEBE
RGB	178, 190, 190
RGB Percent	70%, 75%, 75%
CMY	0.3028, 0.2557, 0.2557
CMYK	0.06, 0.00, 0.00, 0.26
HSL	180°, 8%, 72%
HSV	180°, 6%, 74%
XYZ	45.9538, 49.8872, 55.8045
YIQ	186.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

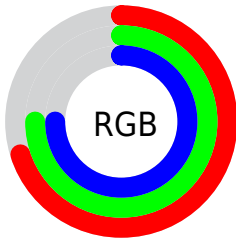
Format	Color
RYB	178, 184, 190
Decimal	11714238
CIELab	76.00, -4.12, -1.43
CIELCh	76, 4.362, 199.182
Yxy	49.8872, 0.3030, 0.3290
Android (android.graphics.Color)	4289904318 (0xFFB2BEBE)
YUV	186.4120, 1.7689, -7.3773
Hunter-Lab	70.6309, -7.4686, 2.5974

Details

The CIELCh color $76, 4.362, 199.182$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 4.538, 19.655$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 4.168, 199.288$, and $56, 4.607, 199.033$ is the 20% darker color. If you saturate the color by 10%, you get $75, 10.970, 198.570$, and if you desaturate by 10%, it is $77, 2.593, 19.387$.

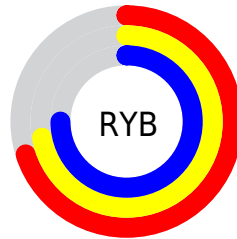
Distribution



Red (70%)

Green (75%)

Blue (75%)



Red (70%)

Yellow (72%)

Blue (75%)

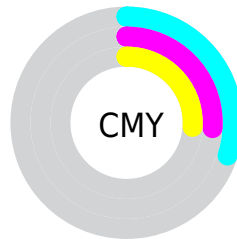


Cyan (6%)

Magenta (0%)

Yellow (0%)

Black (26%)



Cyan (30%)

Magenta (26%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 4.362, 199.182 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, 4.362, 199.182 by changing the saturation by 10% instead.

■ 76, 4.362, 199.182

■ 76, 4.362, 199.182

■ 100, 4.362,
199.182

■ 66, 4.362, 199.182

■ 96, 4.362, 199.182

■ 56, 4.362, 199.182

■ 46, 4.362, 199.182

■ 36, 4.362, 199.182

■ 26, 4.362, 199.182

■ 16, 4.362, 199.182

■ 6, 4.362, 199.182

■ 0, 4.362, 199.182

■ 76, 4.362, 199.182

■ 76, 4.362, 199.182

75, 10.970,
198.570

77, 2.593, 19.387

74, 17.122,
198.078

79, 9.802, 20.118

73, 22.707,
197.646

81, 17.182, 20.742

72, 27.617,
197.275

83, 24.666, 21.366

71, 31.758,
196.966

83, 25.174, 21.403

71, 35.062,
196.723

83, 25.174, 21.397

70, 37.500,
196.544

83, 25.173, 21.392

70, 39.092,
196.428

83, 25.173, 21.386

70, 39.926,

Harmonies

Complementary

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



76, 4.362, 199.182



73, 4.538, 19.655

Rectangle

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



76, 4.362, 199.182



76, 4.362, 249.182



76, 4.362, 19.182



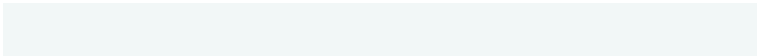
76, 4.362, 69.182

Sweetspot

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



76, 4.363, 199.161



97, 1.727, 199.647



76, 7.850, 143.679



52, 0.990, 199.673



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, 4.363, 199.161



96, 6.815, 199.038



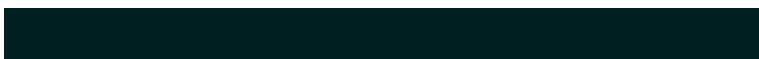
74, 3.831, 254.468



39, 3.863, 198.961



59, 35.066, 196.349



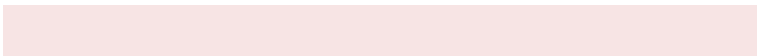
9, 11.664, 196.711

Inverse Universe

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



73, 4.538, 19.655



92, 7.169, 19.801



75, 3.886, 72.752



37, 4.096, 19.898



32, 72.793, 39.655



3, 12.251, 19.391

Previews

White Background



This preview shows how the CIELCh color 76, 4.362, 199.182 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, 4.362, 199.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

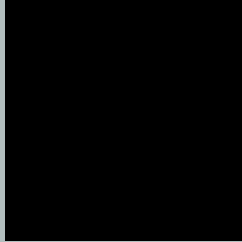
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

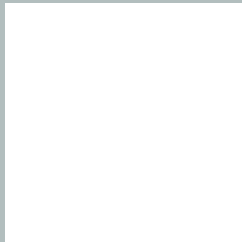
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 4.362, 199.182

Background



This preview shows how black text looks on a background with the CIELCh color 76, 4.362, 199.182.



This preview shows how white text looks on a background with the CIELCh color 76, 4.362, 199.182.

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, 8.501, 271.485

Trichromacy



Original Color
76, 4.362, 199.182

Protanomaly
76, 1.140, 271.520

Deuteranomaly
76, 5.312, 334.570

Tritanomaly
76, 5.961, 253.790

Monochromacy



Original Color
76, 4.362, 199.182

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.471, 199.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 4.362, 199.182 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, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(178, 190, 190)  
}
```

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, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 190, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 4.362, 199.182 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, 190, 190) }
```

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

```
.border{ border-color:rgb(178, 190, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 190, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(178, 190,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 4.362, 199.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 190, 190) }
```

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

```
.background{ background-color: rgb(178,  
190, 190) }
```

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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