

Converting Colors

CIELCh(76, 0.596, 147.172)

Have a look what the booklet for
CIELCh(76, 0.596, 147.172) contains.

CIELCh(76, 0.648, 144.793)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(76, 0.648, 144.793)

Conversions

Conversions Part 1

Format	Color
Hex	BBBCBB
RGB	187, 188, 187
RGB Percent	73%, 74%, 73%
CMY	0.2682, 0.2643, 0.2682
CMYK	0.01, 0.00, 0.01, 0.26
HSL	120°, 1%, 73%
HSV	120°, 1%, 74%
XYZ	47.2267, 49.8872, 53.9358
YIQ	187.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

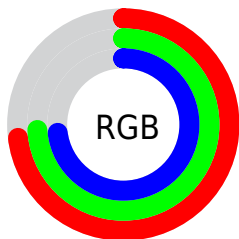
Format	Color
RYB	187, 188, 188
Decimal	12303547
CIELab	76.00, -0.53, 0.37
CIElCh	76, 0.648, 144.793
Yxy	49.8872, 0.3127, 0.3303
Android (android.graphics.Color)	4290493627 (0xFFBBBCBB)
YUV	187.5870, -0.2894, -0.5148
Hunter-Lab	70.6309, -4.2518, 4.1661

Details

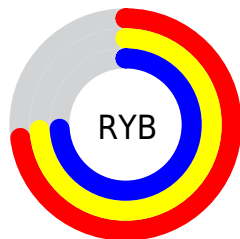
The CIELCh color $76, 0.648, 144.793$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 0.666, 324.106$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 0.615, 144.906$, and $56, 0.691, 144.682$ is the 20% darker color. If you saturate the color by 10%, you get $74, 13.067, 143.844$, and if you desaturate by 10%, it is $78, 11.548, 324.894$.

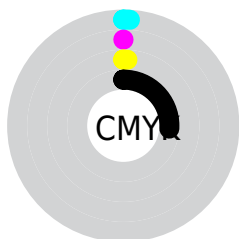
Distribution



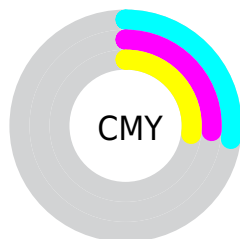
- Red (73%)
- Green (74%)
- Blue (73%)



- Red (73%)
- Yellow (74%)
- Blue (74%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (26%)



- Cyan (27%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 0.648, 144.793 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, 0.648, 144.793 by changing the saturation by 10% instead.

■ 76, 0.648, 144.793

■ 76, 0.648, 144.793

■ 100, 0.648,
144.793

■ 66, 0.648, 144.793

■ 96, 0.648, 144.793

■ 56, 0.648, 144.793

■ 46, 0.648, 144.793

■ 36, 0.648, 144.793

■ 26, 0.648, 144.793

■ 16, 0.648, 144.793

■ 6, 0.648, 144.793

■ 0, 0.648, 144.793

■ 76, 0.648, 144.793

■ 76, 0.648, 144.793

74, 13.067,
143.844

78, 11.548,
324.894

72, 25.575,
143.139

80, 23.446,
325.328

71, 37.999,
142.323

83, 34.991,
325.689

70, 50.099,
141.387

84, 42.243,
325.889

69, 61.568,
140.341

68, 72.024,
139.221

67, 81.013,
138.106

67, 88.038,
137.121

66, 92.672,

136.410

Harmonies

Complementary

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



76, 0.648, 144.793



76, 0.666, 324.106

Rectangle

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



76, 0.648, 144.793



76, 0.648, 194.793



76, 0.648, 324.793



76, 0.648, 14.793

Sweetspot

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



76, 0.650, 144.794



96, 0.011, 296.813



76, 0.530, 110.012



51, 0.007, 296.813



98, 0.011, 296.813

Same Dimension

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



76, 0.650, 144.794



96, 1.520, 144.587



76, 0.455, 164.458



40, 0.697, 144.609



57, 83.793, 136.017



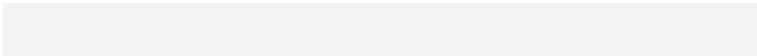
9, 21.677, 144.394

Inverse Universe

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



76, 0.666, 324.106



96, 1.540, 324.306



76, 0.468, 342.868



40, 0.707, 324.284



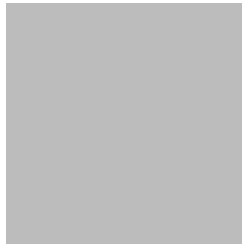
37, 80.842, 328.237



3, 21.487, 325.464

Previews

White Background



This preview shows how the CIELCh color 76, 0.648, 144.793 looks on a white background.

Color Contrast Check

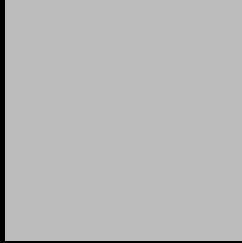
Large Text (above 18pt) WCAG AA × Fail

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, 0.648, 144.793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

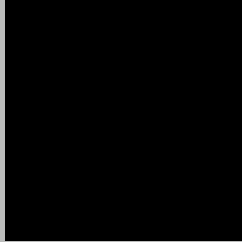
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

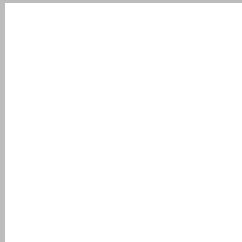
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 0.648, 144.793

Background



This preview shows how black text looks on a background with the CIELCh color 76, 0.648, 144.793.



This preview shows how white text looks on a background with the CIELCh color 76, 0.648, 144.793.

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, 0.648, 144.793

Protanopia

76, 1.862, 19.275

Deuteranopia

76, 9.775, 357.620



Tritanopia
76, 7.639, 299.016

Trichromacy



Original Color

76, 0.648, 144.793

Protanomaly

76, 0.907, 55.059

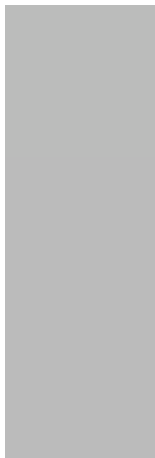
Deuteranomaly

76, 6.024, 358.942

Tritanomaly

76, 4.333, 295.409

Monochromacy



Original Color

76, 0.648, 144.793

Achromatopsia

76, 0.009, 296.813

Achromatomaly

76, 0.009, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 0.648, 144.793 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(187, 188, 187)` looks like.

```
.text, #text, p{  
    color:rgb(187, 188, 187)  
}
```

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(187, 188, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 188, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 0.648, 144.793 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(187, 188, 187) }
```

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

```
.border{ border-color:rgb(187, 188, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 188, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 188, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 188, 187);  
box-shadow:4px 4px 4px 4px rgb(187, 188,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 0.648, 144.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 188, 187) }
```

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

```
.background{ background-color: rgb(187,  
188, 187) }
```

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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