

Converting Colors

CIELCh(76, 4.838, 114.166)

Have a look what the booklet for
CIELCh(76, 4.838, 114.166) contains.

CIELCh(76, 4.843, 114.164)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 4.843, 114.164)

Conversions

Conversions Part 1

Format	Color
Hex	BBBCB3
RGB	187, 188, 179
RGB Percent	73%, 74%, 70%
CMY	0.2660, 0.2621, 0.2974
CMYK	0.01, 0.00, 0.05, 0.26
HSL	67°, 6%, 72%
HSV	67°, 5%, 74%
XYZ	46.7087, 49.8872, 49.9046
YIQ	186.6750, 2.2930, -3.0110

Conversions

Conversions Part 2

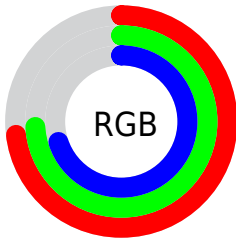
Format	Color
RYB	179, 188, 180
Decimal	12303539
CIELab	76.00, -1.98, 4.42
CIELCh	76, 4.843, 114.164
Yxy	49.8872, 0.3188, 0.3405
Android (android.graphics.Color)	4290493619 (0xFFBBBCB3)
YUV	186.6750, -3.7838, 0.2850
Hunter-Lab	70.6309, -5.5607, 7.5500

Details

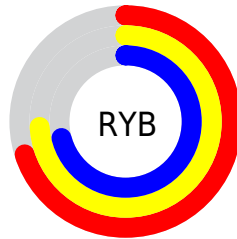
The CIELCh color `76, 4.843, 114.164` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `73, 4.911, 294.944`, and the grayscale version is `76, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 4.610, 114.245`, and `56, 5.148, 114.032` is the 20% darker color. If you saturate the color by 10%, you get `75, 14.955, 113.388`, and if you desaturate by 10%, it is `77, 5.302, 294.960`.

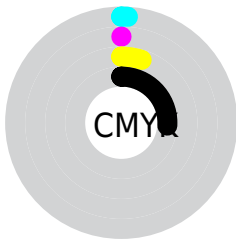
Distribution



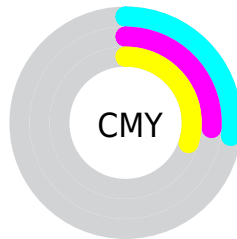
- Red (73%)
- Green (74%)
- Blue (70%)



- Red (70%)
- Yellow (74%)
- Blue (71%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (26%)



- Cyan (27%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 4.843, 114.164 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, 4.843, 114.164 by changing the saturation by 10% instead.

■ 76, 4.843, 114.164

■ 76, 4.843, 114.164

■ 100, 4.843,
114.164

■ 66, 4.843, 114.164

■ 96, 4.843, 114.164

■ 56, 4.843, 114.164

■ 46, 4.843, 114.164

■ 36, 4.843, 114.164

■ 26, 4.843, 114.164

■ 16, 4.843, 114.164

■ 6, 4.843, 114.164

■ 0, 4.843, 114.164

■ 76, 4.843, 114.164

■ 76, 4.843, 114.164

75, 14.955,
113.388

77, 5.302, 294.960

75, 24.970,
112.589

77, 15.443,
295.703

74, 34.800,
111.801

78, 25.551,
296.415

74, 44.310,
111.049

79, 35.604,
297.090

74, 53.294,
110.369

79, 35.954,
298.149

73, 61.447,
109.808

79, 36.019,
299.222

73, 68.356,
109.428

79, 36.096,
300.296

73, 73.551,
109.300

80, 36.184,
301.372

73, 76.685,

80, 36.284,
302.447

109.480

Harmonies

Complementary

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



76, 4.843, 114.164



73, 4.911, 294.944

Rectangle

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



76, 4.843, 114.164



76, 4.843, 164.164



76, 4.843, 294.164



76, 4.843, 344.164

Sweetspot

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



76, 4.845, 114.178



96, 1.245, 114.456



74, 3.084, 28.547



51, 0.707, 114.459



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



76, 4.845, 114.178



96, 7.523, 114.076



76, 5.259, 132.315



40, 4.026, 114.040



62, 68.378, 109.564



11, 17.093, 114.580

Inverse Universe

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



73, 4.911, 294.944



92, 7.640, 295.054



74, 5.301, 312.652



38, 4.092, 295.092



18, 92.960, 306.724



1, 17.480, 293.744

Previews

White Background



This preview shows how the CIELCh color 76, 4.843, 114.164 looks on a white background.

Color Contrast Check

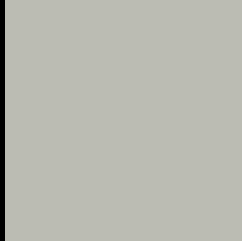
Large Text (above 18pt) WCAG AA × Fail

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, 4.843, 114.164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

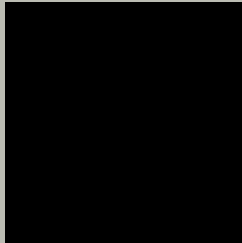
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

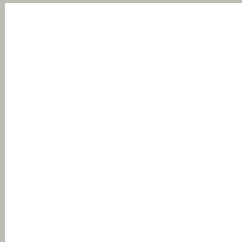
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 4.843, 114.164

Background



This preview shows how black text looks on a background with the CIELCh color 76, 4.843, 114.164.



This preview shows how white text looks on a background with the CIELCh color 76, 4.843, 114.164.

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, 4.843, 114.164

Protanopia

76, 5.030, 77.916

Deuteranopia

76, 10.303, 20.213



Tritanopia
76, 8.314, 303.455

Trichromacy



Original Color
76, 4.843, 114.164

Protanomaly
76, 5.045, 92.256

Deuteranomaly
76, 6.440, 39.209

Tritanomaly
76, 3.435, 309.170

Monochromacy



Original Color
76, 4.843, 114.164

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.604, 109.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 4.843, 114.164 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(187, 188, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 188, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 4.843, 114.164 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, 179) }
```

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

```
.border{ border-color:rgb(187, 188, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 188, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 188, 179);  
box-shadow:4px 4px 4px 4px rgb(187, 188,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 4.843, 114.164 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, 179) }
```

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

```
.background{ background-color: rgb(187,  
188, 179) }
```

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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