

Converting Colors

CIELCh(77, 5.245, 144.258)

Have a look what the booklet for
CIELCh(77, 5.245, 144.258) contains.

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Color

CIELCh(77, 5.239, 144.256)

Conversions

Conversions Part 1

Format	Color
Hex	B8C0B8
RGB	184, 192, 184
RGB Percent	72%, 75%, 72%
CMY	0.2773, 0.2459, 0.2773
CMYK	0.04, 0.00, 0.04, 0.25
HSL	120°, 6%, 74%
HSV	120°, 4%, 75%
XYZ	47.4372, 51.5317, 52.9574
YIQ	188.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

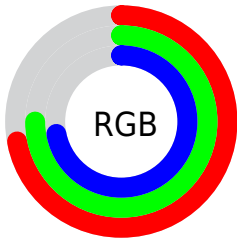
Format	Color
RYB	184, 192, 192
Decimal	12107960
CIELab	77.00, -4.25, 3.06
CIElCh	77, 5.239, 144.256
Yxy	51.5317, 0.3122, 0.3392
Android (android.graphics.Color)	4290298040 (0xFFB8C0B8)
YUV	188.6960, -2.3151, -4.1184
Hunter-Lab	71.7856, -7.6689, 6.5107

Details

The CIELCh color $77, 5.239, 144.256$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 5.258, 324.620$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 4.987, 144.321$, and $57, 5.568, 144.160$ is the 20% darker color. If you saturate the color by 10%, you get $75, 17.962, 143.594$, and if you desaturate by 10%, it is $79, 7.299, 324.707$.

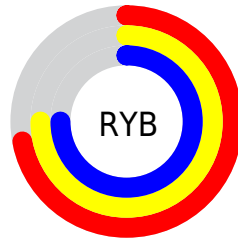
Distribution



Red (72%)

Green (75%)

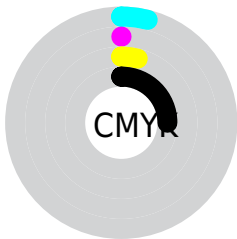
Blue (72%)



Red (72%)

Yellow (75%)

Blue (75%)

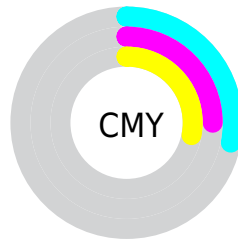


Cyan (4%)

Magenta (0%)

Yellow (4%)

Black (25%)



Cyan (28%)

Magenta (25%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 5.239, 144.256 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 77, 5.239, 144.256 by changing the saturation by 10% instead.

■ 77, 5.239, 144.256

■ 77, 5.239, 144.256

■ 100, 5.239,
144.256

■ 67, 5.239, 144.256

■ 97, 5.239, 144.256

■ 57, 5.239, 144.256

■ 47, 5.239, 144.256

■ 37, 5.239, 144.256

■ 27, 5.239, 144.256

■ 17, 5.239, 144.256

■ 7, 5.239, 144.256

■ 0, 5.239, 144.256

■ 77, 5.239, 144.256

■ 77, 5.239, 144.256

75, 17.962,
143.594

79, 7.299, 324.707

74, 30.718,
142.850

81, 19.557,
325.178

72, 43.306,
141.989

84, 31.470,
325.563

71, 55.454,
141.008

85, 39.317,
325.789

70, 66.822,
139.926

69, 76.990,
138.795

69, 85.470,
137.710

68, 91.759,
136.812

68, 95.508,

Harmonies

Complementary

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



77, 5.239, 144.256



76, 5.258, 324.620

Rectangle

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



77, 5.239, 144.256



77, 5.239, 194.256



77, 5.239, 324.256



77, 5.239, 14.256

Sweetspot

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



77, 5.241, 144.256



98, 1.545, 144.583



78, 4.201, 109.094



52, 0.878, 144.597



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



77, 5.241, 144.256



97, 7.794, 144.194



77, 3.706, 162.536



40, 4.316, 144.159



57, 84.787, 136.016



10, 24.261, 144.095

Inverse Universe

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



76, 5.258, 324.620



95, 7.815, 324.679



76, 3.736, 342.993



39, 4.326, 324.712



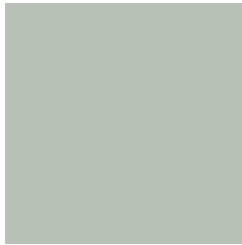
38, 81.806, 328.232



4, 24.213, 326.359

Previews

White Background



This preview shows how the CIELCh color 77, 5.239, 144.256 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 77, 5.239, 144.256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

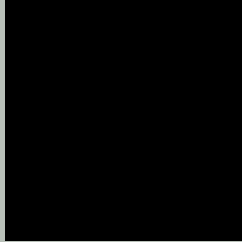
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

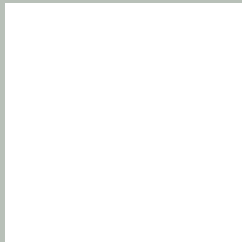
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 5.239, 144.256

Background



This preview shows how black text looks on a background with the CIELCh color 77, 5.239, 144.256.



This preview shows how white text looks on a background with the CIELCh color 77, 5.239, 144.256.

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

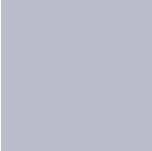
77, 5.239, 144.256

Protanopia

77, 3.906, 74.587

Deuteranopia

77, 9.900, 13.996



Tritanopia
77, 8.082, 285.871

Trichromacy



Original Color
77, 5.239, 144.256

Protanomaly
77, 3.757, 104.093

Deuteranomaly
77, 5.373, 31.191

Tritanomaly
77, 4.009, 269.402

Monochromacy



Original Color
77, 5.239, 144.256

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.959, 144.482

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 5.239, 144.256 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(184, 192, 184)` looks like.

```
.text, #text, p{  
    color:rgb(184, 192, 184)  
}
```

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(184, 192, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 192, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 5.239, 144.256 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(184, 192, 184) }
```

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

```
.border{ border-color:rgb(184, 192, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 192, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 192, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 192, 184);  
box-shadow:4px 4px 4px 4px rgb(184, 192,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 5.239, 144.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 192, 184) }
```

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

```
.background{ background-color: rgb(184,  
192, 184) }
```

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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