

Converting Colors

CIELCh(77, 3.506, 236.342)

Have a look what the booklet for
CIELCh(77, 3.506, 236.342) contains.

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Color

CIELCh(77, 3.297, 240.126)

Conversions

Conversions Part 1

Format	Color
Hex	B8BFC3
RGB	184, 191, 195
RGB Percent	72%, 75%, 76%
CMY	0.2775, 0.2501, 0.2344
CMYK	0.06, 0.02, 0.00, 0.23
HSL	202°, 8%, 74%
HSV	202°, 6%, 77%
XYZ	48.3799, 51.5317, 59.1644
YIQ	189.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

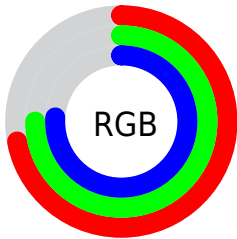
Format	Color
RYB	184, 188, 195
Decimal	12107715
CIELab	77.00, -1.64, -2.86
CIELCh	77, 3.297, 240.126
Yxy	51.5317, 0.3041, 0.3239
Android (android.graphics.Color)	4290297795 (0xFFB8BFC3)
YUV	189.3630, 2.7790, -4.7034
Hunter-Lab	71.7856, -5.3248, 1.3842

Details

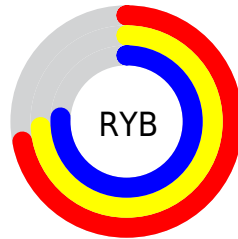
The CIELCh color $77, 3.297, 240.126$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 3.373, 58.776$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 3.496, 246.575$, and $57, 3.157, 232.179$ is the 20% darker color. If you saturate the color by 10%, you get $74, 8.991, 241.125$, and if you desaturate by 10%, it is $80, 2.577, 58.857$.

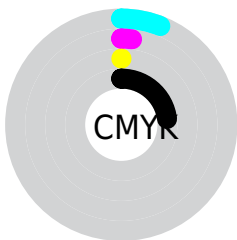
Distribution



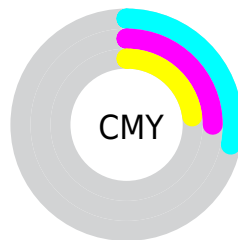
- Red (72%)
- Green (75%)
- Blue (76%)



- Red (72%)
- Yellow (74%)
- Blue (76%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)



- Cyan (28%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 3.297, 240.126 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, 3.297, 240.126 by changing the saturation by 10% instead.

■ 77, 3.297, 240.126

■ 77, 3.297, 240.126

■ 100, 3.297,
240.126

■ 67, 3.297, 240.126

■ 97, 3.297, 240.126

■ 57, 3.297, 240.126

■ 47, 3.297, 240.126

■ 37, 3.297, 240.126

■ 27, 3.297, 240.126

■ 17, 3.297, 240.126

■ 7, 3.297, 240.126

■ 0, 3.297, 240.126

■ 77, 3.297, 240.126

■ 77, 3.297, 240.126

74, 8.991, 241.125

80, 2.577, 58.857

70, 14.455,
242.486

84, 8.586, 58.231

67, 19.636,
244.180

87, 14.692, 57.633

64, 24.482,
246.274

90, 18.635, 62.378

61, 28.953,
248.849

93, 21.411, 86.328

59, 33.034,
251.983

95, 23.907, 95.321

56, 36.750,
255.736

97, 26.870,
102.403

53, 40.182,
260.116

99, 30.110,
107.888

51, 43.470,
265.035

Harmonies

Complementary

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



77, 3.297, 240.126



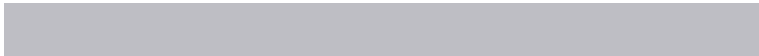
77, 3.373, 58.776

Rectangle

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



77, 3.297, 240.126



77, 3.297, 290.126



77, 3.297, 60.126



77, 3.297, 110.126

Sweetspot

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



77, 3.297, 240.091



99, 1.465, 239.985



78, 5.603, 156.040



53, 0.833, 239.995



0, 0.000, 0.000



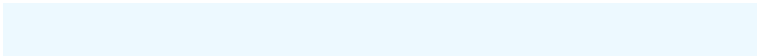
53, 0.007, 296.813

Same Dimension

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



77, 3.297, 240.091



97, 5.073, 240.214



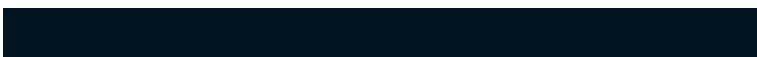
76, 5.072, 283.899



40, 2.629, 240.248



41, 38.509, 266.371



6, 11.112, 254.633

Inverse Universe

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



76, 5.580, 337.306



95, 8.619, 337.427



78, 5.017, 102.619



39, 4.470, 337.457



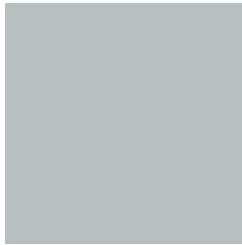
35, 63.097, 349.506



3, 17.334, 344.034

Previews

White Background



This preview shows how the CIE LCh color 77, 3.297, 240.126 looks on a white background.

Color Contrast Check

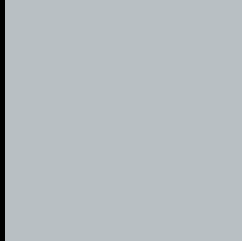
Large Text (above 18pt) WCAG AA × Fail

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, 3.297, 240.126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

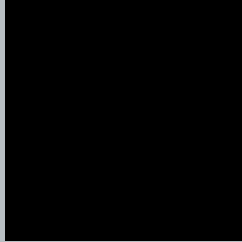
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

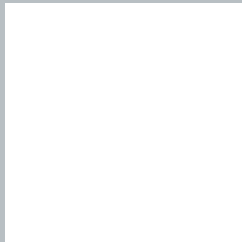
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 3.297, 240.126

Background



This preview shows how black text looks on a background with the CIELCh color 77, 3.297, 240.126.



This preview shows how white text looks on a background with the CIELCh color 77, 3.297, 240.126.

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, 3.297, 240.126

Protanopia

77, 2.922, 312.538

Deuteranopia

77, 10.464, 338.479



Tritanopia
77, 8.155, 280.895

Trichromacy



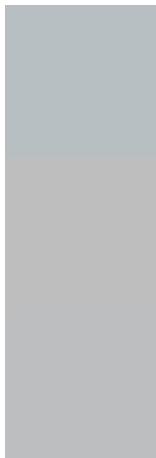
Original Color
77, 3.297, 240.126

Protanomaly
77, 2.180, 280.763

Deuteranomaly
77, 6.107, 327.517

Tritanomaly
77, 6.144, 273.803

Monochromacy



Original Color
77, 3.297, 240.126

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.297, 255.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 3.297, 240.126 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, 191, 195)` looks like.

```
.text, #text, p{  
    color:rgb(184, 191, 195)  
}
```

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, 191, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 191, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 3.297, 240.126 is called "border". The border property can be set on classes, ids or directly on the HTML element.

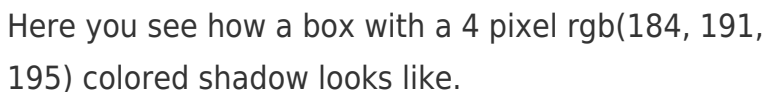
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 191, 195) }
```

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

```
.border{ border-color:rgb(184, 191, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(184, 191, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 191, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 191, 195); box-shadow:4px 4px 4px 4px rgb(184, 191, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 3.297, 240.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 191, 195) }
```

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

```
.background{ background-color: rgb(184,  
191, 195) }
```

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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