

Converting Colors

CIELCh(77, 5.237, 114.093)

Have a look what the booklet for
CIELCh(77, 5.237, 114.093) contains.

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Color

CIELCh(77, 5.362, 113.686)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---|
| Hex | BEBFB5 |
| RGB | 190, 191, 181 |
| RGB Percent | 75%, 75%, 71% |
| CMY | 0.2550, 0.2510, 0.2903 |
| CMYK | 0.01, 0.00, 0.05, 0.25 |
| HSL | 66°, 7%, 73% |
| HSV | 66°, 5%, 75% |
| XYZ | 48.1940, 51.5317, 51.1108 |
| YIQ | 189.5610, 2.6140, -3.3220 |

Conversions

Conversions Part 2

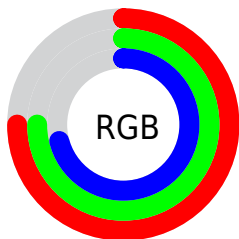
| Format | Color |
|-------------------------------------|---|
| RYB | 181, 191, 182 |
| Decimal | 12500917 |
| CIELab | 77.00, -2.15, 4.91 |
| CIELCh | 77, 5.362, 113.686 |
| Yxy | 51.5317, 0.3195, 0.3416 |
| Android (android.graphics.Color) | 4290690997 (0xFFBEBFB5) |
| YUV | 189.5610, -4.2206, 0.3850 |
| Hunter-Lab | 71.7856, -5.7870, 8.0359 |

Details

The CIELCh color `77, 5.362, 113.686` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `74, 5.440, 294.557`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 5.107, 113.774`, and `57, 5.693, 113.540` is the 20% darker color. If you saturate the color by 10%, you get `76, 15.586, 112.892`, and if you desaturate by 10%, it is `78, 4.898, 294.500`.

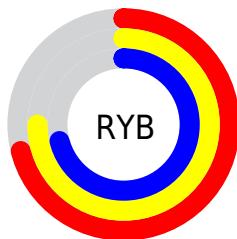
Distribution



Red (75%)

Green (75%)

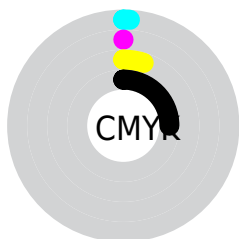
Blue (71%)



Red (71%)

Yellow (75%)

Blue (71%)

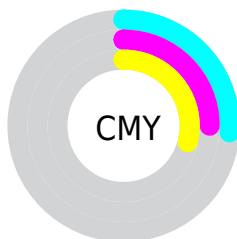


Cyan (1%)

Magenta (0%)

Yellow (5%)

Black (25%)



Cyan (26%)

Magenta (25%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 5.362, 113.686 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, 5.362, 113.686 by changing the saturation by 10% instead.

■ 77, 5.362, 113.686

■ 77, 5.362, 113.686

■ 100, 5.362,
113.686

■ 67, 5.362, 113.686

■ 97, 5.362, 113.686

■ 57, 5.362, 113.686

■ 47, 5.362, 113.686

■ 37, 5.362, 113.686

■ 27, 5.362, 113.686

■ 17, 5.362, 113.686

■ 7, 5.362, 113.686

■ 0, 5.362, 113.686

■ 77, 5.362, 113.686

■ 77, 5.362, 113.686

76, 15.586,
112.892

78, 4.898, 294.500

76, 25.708,
112.078

78, 15.158,
295.260

75, 35.637,
111.275

79, 25.386,
295.990

75, 45.232,
110.509

80, 34.305,
296.727

75, 54.280,
109.816

80, 34.353,
297.756

74, 62.467,
109.242

80, 34.411,
298.786

74, 69.366,
108.850

80, 34.479,
299.818

74, 74.501,
108.705

80, 34.557,
300.851

74, 77.538,

81, 34.646,
301.883

108.860

Harmonies

Complementary

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



77, 5.362, 113.686



74, 5.440, 294.557

Rectangle

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



77, 5.362, 113.686



77, 5.362, 163.686



77, 5.362, 293.686



77, 5.362, 343.686

Sweetspot

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



77, 5.364, 113.699



97, 2.521, 113.948



75, 3.423, 28.575



52, 1.445, 113.955



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, 5.364, 113.699



97, 7.581, 113.631



77, 5.828, 132.294



40, 4.023, 113.595



62, 68.274, 108.911



11, 17.061, 113.905

Inverse Universe

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



74, 5.440, 294.557



93, 7.700, 294.630



74, 5.875, 312.674



38, 4.089, 294.669



18, 93.042, 306.668



1, 17.474, 293.435

Previews

White Background



This preview shows how the CIELCh color 77, 5.362, 113.686 looks on a white background.

Color Contrast Check

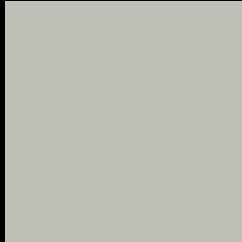
Large Text (above 18pt) WCAG AA × Fail

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, 5.362, 113.686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

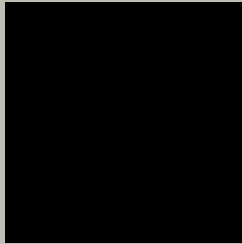
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

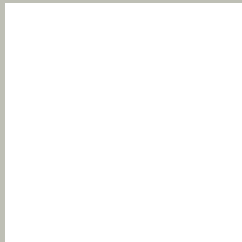
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 5.362, 113.686

Background



This preview shows how black text looks on a background with the CIELCh color 77, 5.362, 113.686.



This preview shows how white text looks on a background with the CIELCh color 77, 5.362, 113.686.

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, 5.362, 113.686

Protanopia

77, 5.480, 80.792

Deuteranopia

77, 10.367, 26.085



Tritanopia
77, 8.290, 303.449

Trichromacy



Original Color
77, 5.362, 113.686

Protanomaly
77, 5.544, 93.849

Deuteranomaly
77, 6.627, 43.524

Tritanomaly
77, 3.425, 309.167

Monochromacy



Original Color
77, 5.362, 113.686

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.599, 109.990

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 5.362, 113.686 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(190, 191, 181)` looks like.

```
.text, #text, p{  
    color:rgb(190, 191, 181)  
}
```

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(190, 191, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 191, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 5.362, 113.686 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(190, 191, 181) }
```

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

```
.border{ border-color:rgb(190, 191, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 191, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 191, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 191, 181);  
box-shadow:4px 4px 4px 4px rgb(190, 191,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 5.362, 113.686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 191, 181) }
```

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

```
.background{ background-color: rgb(190,  
191, 181) }
```

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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