

Converting Colors

CIELCh(77, 8.215, 120.996)

Have a look what the booklet for
CIELCh(77, 8.215, 120.996) contains.

CIELCh(77, 8.170, 120.082)	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(77, 8.170, 120.082)

Conversions

Conversions Part 1

Format	Color
Hex	BCC0B1
RGB	188, 192, 177
RGB Percent	74%, 75%, 69%
CMY	0.2630, 0.2473, 0.3061
CMYK	0.02, 0.00, 0.08, 0.25
HSL	76°, 11%, 72%
HSV	76°, 8%, 75%
XYZ	47.4936, 51.5317, 49.0102
YIQ	189.0940, 2.4310, -5.5130

Conversions

Conversions Part 2

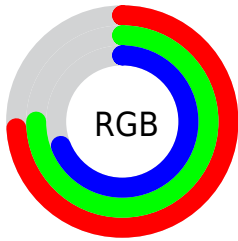
Format	Color
RYB	177, 192, 181
Decimal	12370097
CIELab	77.00, -4.10, 7.07
CIELCh	77, 8.170, 120.082
Yxy	51.5317, 0.3208, 0.3481
Android (android.graphics.Color)	4290560177 (0xFFBCC0B1)
YUV	189.0940, -5.9623, -0.9594
Hunter-Lab	71.7856, -7.5287, 9.7709

Details

The CIELCh color `77, 8.170, 120.082` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `73, 8.309, 301.029`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 7.785, 120.184`, and `57, 8.671, 119.917` is the 20% darker color. If you saturate the color by 10%, you get `76, 18.608, 119.476`, and if you desaturate by 10%, it is `78, 2.296, 300.661`.

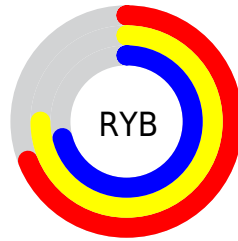
Distribution



Red (74%)

Green (75%)

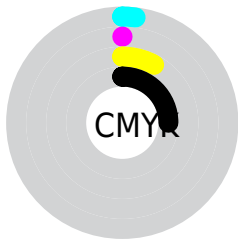
Blue (69%)



Red (69%)

Yellow (75%)

Blue (71%)

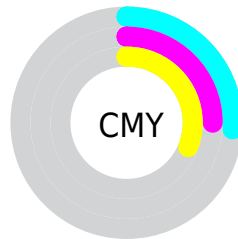


Cyan (2%)

Magenta (0%)

Yellow (8%)

Black (25%)



Cyan (26%)

Magenta (25%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 8.170, 120.082 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, 8.170, 120.082 by changing the saturation by 10% instead.

■ 77, 8.170, 120.082

■ 77, 8.170, 120.082

■ 100, 8.170,
120.082

■ 67, 8.170, 120.082

■ 97, 8.170, 120.082

■ 57, 8.170, 120.082

■ 47, 8.170, 120.082

■ 37, 8.170, 120.082

■ 27, 8.170, 120.082

■ 17, 8.170, 120.082

■ 7, 8.170, 120.082

■ 0, 8.170, 120.082

■ 77, 8.170, 120.082

■ 77, 8.170, 120.082

76, 18.608,
119.476

78, 2.296, 300.661

75, 28.940,
118.860

79, 12.746,
301.239

75, 39.065,
118.260

80, 23.143,
301.773

74, 48.827,
117.711

81, 33.460,
302.272

74, 57.994,
117.260

81, 34.422,
304.916

73, 66.230,
116.981

82, 34.798,
307.693

73, 73.098,
116.965

82, 35.249,
310.434

72, 78.139,
117.319

83, 35.776,
313.129

72, 81.195,

83, 36.375,
315.766

Harmonies

Complementary

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



77, 8.170, 120.082



73, 8.309, 301.029

Rectangle

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



77, 8.170, 120.082



77, 8.170, 170.082



77, 8.170, 300.082



77, 8.170, 350.082

Sweetspot

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



77, 8.172, 120.089



98, 2.583, 120.447



74, 4.687, 46.949



52, 1.468, 120.454



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, 8.172, 120.089



97, 11.659, 120.008



76, 9.160, 137.482



41, 5.974, 119.994



61, 71.591, 118.095



11, 19.485, 122.143

Inverse Universe

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



73, 8.309, 301.029



91, 11.881, 301.117



74, 9.214, 318.117



38, 6.090, 301.133



20, 92.310, 308.011



2, 19.691, 298.306

Previews

White Background



This preview shows how the CIELCh color 77, 8.170, 120.082 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 CIELCh color 77, 8.170, 120.082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

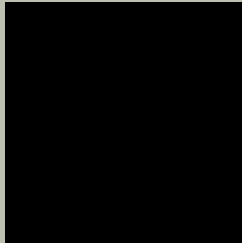
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

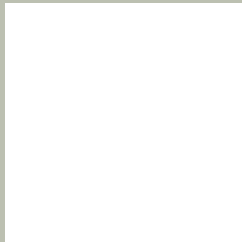
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 8.170, 120.082

Background



This preview shows how black text looks on a background with the CIELCh color 77, 8.170, 120.082.



This preview shows how white text looks on a background with the CIELCh color 77, 8.170, 120.082.

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, 8.170, 120.082

Protanopia

77, 7.582, 85.753

Deuteranopia

77, 11.746, 30.726



Tritanopia
77, 8.215, 300.996

Trichromacy



Original Color
77, 8.170, 120.082

Protanomaly
77, 7.629, 97.953

Deuteranomaly
77, 8.110, 51.592

Tritanomaly
77, 2.800, 305.596

Monochromacy



Original Color
77, 8.170, 120.082

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 2.701, 117.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 8.170, 120.082 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(188, 192, 177)` looks like.

```
.text, #text, p{  
    color:rgb(188, 192, 177)  
}
```

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(188, 192, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 192, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 8.170, 120.082 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(188, 192, 177) }
```

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

```
.border{ border-color:rgb(188, 192, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 192, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 192, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 192, 177);  
box-shadow:4px 4px 4px 4px rgb(188, 192,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 8.170, 120.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 192, 177) }
```

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

```
.background{ background-color: rgb(188,  
192, 177) }
```

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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