

Converting Colors

CIELCh(77, 5.135, 50.957)

Have a look what the booklet for
CIELCh(77, 5.135, 50.957) contains.

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Color

CIELCh(77, 5.250, 50.203)

Conversions

Conversions Part 1

Format	Color
Hex	C8BCB7
RGB	200, 188, 183
RGB Percent	78%, 74%, 72%
CMY	0.2165, 0.2636, 0.2832
CMYK	0.00, 0.06, 0.09, 0.22
HSL	18°, 13%, 75%
HSV	18°, 9%, 78%
XYZ	50.2215, 51.5317, 51.9805
YIQ	191.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

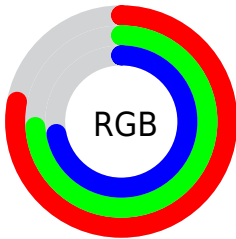
Format	Color
R _Y B	200, 190, 183
Decimal	13155511
CIE Lab	77.00, 3.36, 4.03
CIE LCh	77, 5.250, 50.203
Yxy	51.5317, 0.3267, 0.3352
Android (android.graphics.Color)	4291345591 (0xFFC8BCB7)
YUV	191.0180, -3.9529, 7.8772
Hunter-Lab	71.7856, -0.7455, 7.3176

Details

The CIELCh color $77, 5.250, 50.203$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 5.017, 231.563$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 4.670, 52.533$, and $57, 5.266, 52.289$ is the 20% darker color. If you saturate the color by 10%, you get $73, 11.864, 49.707$, and if you desaturate by 10%, it is $81, 0.893, 231.524$.

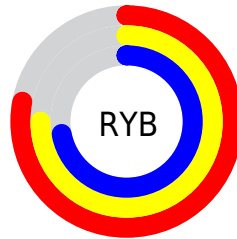
Distribution



Red (78%)

Green (74%)

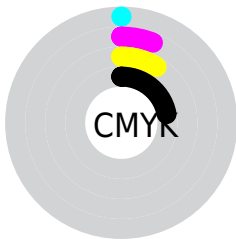
Blue (72%)



Red (78%)

Yellow (75%)

Blue (72%)

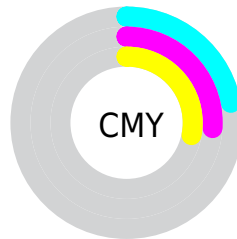


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (22%)



Cyan (22%)

Magenta (26%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 5.250, 50.203 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, 5.250, 50.203 by changing the saturation by 10% instead.

 77, 5.250, 50.203

 77, 5.250, 50.203

 100, 5.250, 50.203

 67, 5.250, 50.203

 97, 5.250, 50.203

 57, 5.250, 50.203

 47, 5.250, 50.203

 37, 5.250, 50.203

 27, 5.250, 50.203

 17, 5.250, 50.203

 7, 5.250, 50.203

 0, 5.250, 50.203

 77, 5.250, 50.203

 77, 5.250, 50.203

73, 11.864, 49.707

81, 0.893, 231.524

69, 18.997, 49.223

85, 6.613, 231.697

65, 26.687, 48.827

90, 11.961,
232.349

61, 34.948, 48.546

94, 15.457,
219.841

58, 43.750, 48.392

54, 52.971, 48.342

96, 18.168,
198.303

51, 62.295, 48.298

49, 71.010, 47.990

46, 78.041, 47.056

Harmonies

Complementary

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



77, 5.250, 50.203



78, 5.017, 231.563

Rectangle

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



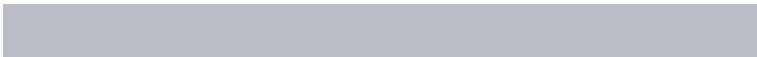
77, 5.250, 50.203



77, 5.250, 100.203



77, 5.250, 230.203



77, 5.250, 280.203

Sweetspot

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



77, 5.250, 50.229



98, 2.209, 50.387



76, 9.110, 334.152



52, 1.680, 50.395



0, 0.000, 0.000



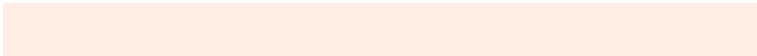
53, 0.007, 296.813

Same Dimension

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



77, 5.250, 50.229



95, 7.569, 50.146



79, 7.203, 98.391



40, 3.498, 50.185



38, 67.677, 47.468



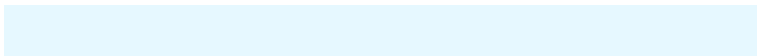
5, 13.591, 37.574

Inverse Universe

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



78, 5.017, 231.563



96, 7.163, 231.679



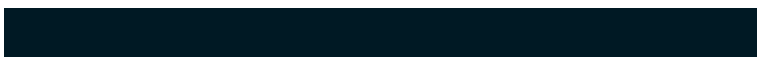
76, 7.273, 280.424



40, 3.326, 231.623



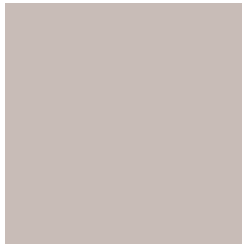
46, 34.615, 254.534



7, 11.336, 243.754

Previews

White Background



This preview shows how the CIELCh color 77, 5.250, 50.203 looks on a white background.

Color Contrast Check

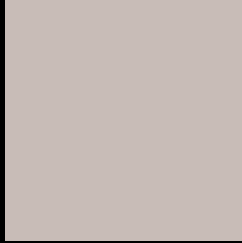
Large Text (above 18pt) WCAG AA × Fail

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, 5.250, 50.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

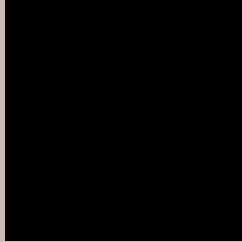
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

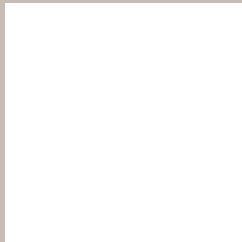
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 5.250, 50.203

Background



This preview shows how black text looks on a background with the CIELCh color 77, 5.250, 50.203.



This preview shows how white text looks on a background with the CIELCh color 77, 5.250, 50.203.

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, 5.250, 50.203

Protanopia

77, 3.479, 69.586

Deuteranopia

77, 10.269, 20.199



Tritanopia
77, 10.227, 328.274

Trichromacy



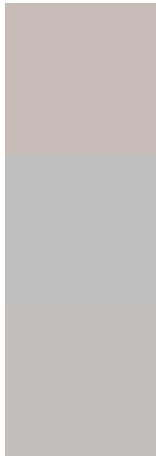
Original Color
77, 5.250, 50.203

Protanomaly
77, 4.007, 61.278

Deuteranomaly
77, 8.358, 23.676

Tritanomaly
77, 7.047, 342.439

Monochromacy



Original Color
77, 5.250, 50.203

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.819, 55.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 5.250, 50.203 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(200, 188, 183)` looks like.

```
.text, #text, p{  
    color:rgb(200, 188, 183)  
}
```

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(200, 188, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 188, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 5.250, 50.203 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(200, 188, 183) }
```

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

```
.border{ border-color:rgb(200, 188, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 188, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 188, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 188, 183);  
box-shadow:4px 4px 4px 4px rgb(200, 188,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 5.250, 50.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 188, 183) }
```

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

```
.background{ background-color: rgb(200,  
188, 183) }
```

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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