

Converting Colors

CIELCh(78, 5.813, 37.147)

Have a look what the booklet for
CIELCh(78, 5.813, 37.147) contains.

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Color

CIELCh(78, 5.861, 35.560)

Conversions

Conversions Part 1

Format	Color
Hex	CDBEBB
RGB	205, 190, 187
RGB Percent	80%, 75%, 73%
CMY	0.1972, 0.2560, 0.2678
CMYK	0.00, 0.07, 0.09, 0.20
HSL	10°, 15%, 77%
HSV	10°, 9%, 80%
XYZ	52.3830, 53.2120, 54.3596
YIQ	194.1430, 9.9030, 2.2470

Conversions

Conversions Part 2

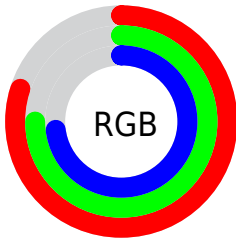
Format	Color
R_{YB}	205, 191, 187
Decimal	13483707
CIE Lab	78.00, 4.77, 3.41
CIE LCh	78, 5.861, 35.560
Yxy	53.2120, 0.3275, 0.3327
Android (android.graphics.Color)	4291673787 (0xFFCDBEBB)
YUV	194.1430, -3.5215, 9.5216
Hunter-Lab	72.9466, 0.5246, 6.8798

Details

The CIELCh color $78, 5.861, 35.560$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 5.544, 215.916$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 3.531, 45.031$, and $58, 5.874, 36.633$ is the 20% darker color. If you saturate the color by 10%, you get $73, 13.057, 35.699$, and if you desaturate by 10%, it is $83, 0.776, 216.442$.

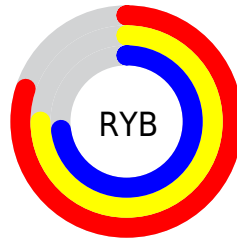
Distribution



Red (80%)

Green (75%)

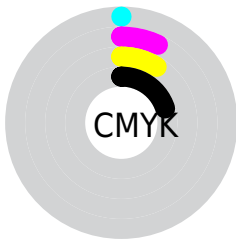
Blue (73%)



Red (80%)

Yellow (75%)

Blue (73%)

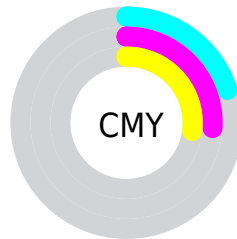


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (20%)



Cyan (20%)

Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 5.861, 35.560 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 78, 5.861, 35.560 by changing the saturation by 10% instead.

 78, 5.861, 35.560

 78, 5.861, 35.560

 100, 5.861, 35.560

 68, 5.861, 35.560

 98, 5.861, 35.560

 58, 5.861, 35.560

 48, 5.861, 35.560

 38, 5.861, 35.560

 28, 5.861, 35.560

 18, 5.861, 35.560

 8, 5.861, 35.560

 0, 5.861, 35.560

 78, 5.861, 35.560

 78, 5.861, 35.560

73, 13.057, 35.699

83, 0.776, 216.442

68, 20.862, 35.924

88, 6.905, 215.927

64, 29.301, 36.325

93, 12.582,
216.075

60, 38.366, 36.954

97, 16.654,
198.400

56, 47.992, 37.851

52, 58.011, 39.027

49, 68.064, 40.400

46, 77.350, 41.650

45, 84.552, 42.285

Harmonies

Complementary

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



78, 5.861, 35.560



80, 5.544, 215.916

Rectangle

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



78, 5.861, 35.560



78, 5.861, 85.560



78, 5.861, 215.560



78, 5.861, 265.560

Sweetspot

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



78, 5.860, 35.582



98, 2.334, 35.408



78, 10.435, 329.891



52, 1.775, 35.465



0, 0.000, 0.000



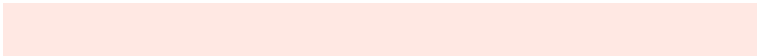
53, 0.007, 296.813

Same Dimension

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



78, 5.860, 35.582



94, 8.850, 35.607



80, 6.734, 90.004



40, 3.780, 35.589



36, 72.612, 42.715



5, 16.292, 28.517

Inverse Universe

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



80, 5.544, 215.916



97, 8.240, 215.940



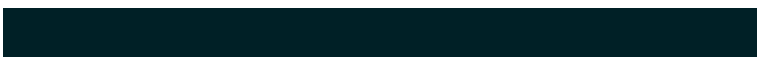
78, 6.736, 272.299



42, 3.562, 215.920



53, 31.538, 228.031



10, 11.817, 220.675

Previews

White Background



This preview shows how the CIELCh color 78, 5.861, 35.560 looks on a white background.

Color Contrast Check

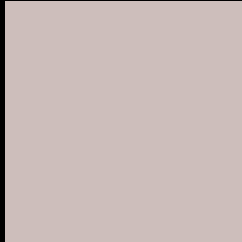
Large Text (above 18pt) WCAG AA × Fail

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 78, 5.861, 35.560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

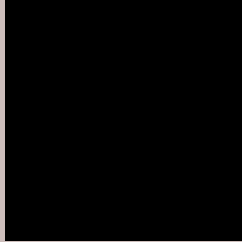
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

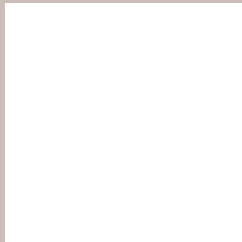
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 5.861, 35.560

Background



This preview shows how black text looks on a background with the CIELCh color 78, 5.861, 35.560.



This preview shows how white text looks on a background with the CIELCh color 78, 5.861, 35.560.

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

78, 5.861, 35.560

Protanopia

78, 2.817, 68.519

Deuteranopia

78, 10.235, 20.185



Tritanopia
78, 10.915, 332.936

Trichromacy



Original Color
78, 5.861, 35.560

Protanomaly
78, 3.714, 45.017

Deuteranomaly
78, 8.715, 23.538

Tritanomaly
78, 7.946, 347.466

Monochromacy



Original Color
78, 5.861, 35.560

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.283, 32.853

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 5.861, 35.560 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(205, 190, 187)` looks like.

```
.text, #text, p{  
    color:rgb(205, 190, 187)  
}
```

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(205, 190, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 190, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 5.861, 35.560 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(205, 190, 187) }
```

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

```
.border{ border-color:rgb(205, 190, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 190, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 190, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 190, 187);  
box-shadow:4px 4px 4px 4px rgb(205, 190,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 5.861, 35.560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 190, 187) }
```

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

```
.background{ background-color: rgb(205,  
190, 187) }
```

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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