

Converting Colors

CIELCh(78, 5.829, 137.685)

Have a look what the booklet for
CIELCh(78, 5.829, 137.685) contains.

CIELCh(78, 5.961, 135.550)	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(78, 5.961, 135.550)

Conversions

Conversions Part 1

Format	Color
Hex	BCC3B9
RGB	188, 195, 185
RGB Percent	74%, 76%, 73%
CMY	0.2628, 0.2354, 0.2746
CMYK	0.04, 0.00, 0.05, 0.24
HSL	102°, 8%, 75%
HSV	102°, 5%, 76%
XYZ	48.9995, 53.2120, 53.5762
YIQ	191.7670, -0.9620, -4.5940

Conversions

Conversions Part 2

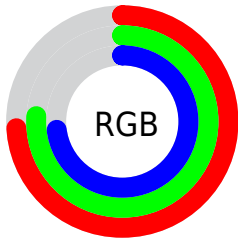
Format	Color
R_{YB}	185, 195, 192
Decimal	12370873
CIE Lab	78.00, -4.26, 4.17
CIE LCh	78, 5.961, 135.550
Yxy	53.2120, 0.3145, 0.3416
Android (android.graphics.Color)	4290560953 (0xFFBCC3B9)
YUV	191.7670, -3.3361, -3.3037
Hunter-Lab	72.9466, -7.7547, 7.5166

Details

The CIELCh color `78, 5.961, 135.550` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `76, 6.002, 315.919`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `98, 6.293, 136.440`, and `58, 5.647, 134.435` is the 20% darker color. If you saturate the color by 10%, you get `77, 17.672, 135.080`, and if you desaturate by 10%, it is `80, 5.644, 315.896`.

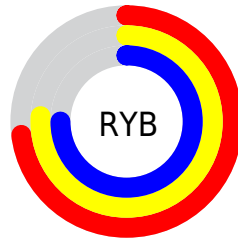
Distribution



Red (74%)

Green (76%)

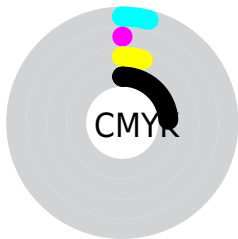
Blue (73%)



Red (73%)

Yellow (76%)

Blue (75%)

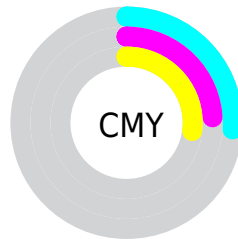


Cyan (4%)

Magenta (0%)

Yellow (5%)

Black (24%)



Cyan (26%)

Magenta (24%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 5.961, 135.550 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, 5.961, 135.550 by changing the saturation by 10% instead.

■ 78, 5.961, 135.550

■ 78, 5.961, 135.550

■ 100, 5.961,
135.550

■ 68, 5.961, 135.550

■ 98, 5.961, 135.550

■ 58, 5.961, 135.550

■ 48, 5.961, 135.550

■ 38, 5.961, 135.550

■ 28, 5.961, 135.550

■ 18, 5.961, 135.550

■ 8, 5.961, 135.550

■ 0, 5.961, 135.550

■ 78, 5.961, 135.550

■ 78, 5.961, 135.550

77, 17.672,
135.080

80, 5.644, 315.896

75, 29.391,
134.573

81, 17.085,
316.272

74, 40.992,
134.031

83, 28.315,
316.584

73, 52.296,
133.473

85, 35.618,
319.653

72, 63.056,
132.942

86, 37.640,
325.732

71, 72.930,
132.508

71, 81.475,
132.275

70, 88.191,
132.371

70, 92.698,

132.894

Harmonies

Complementary

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



78, 5.961, 135.550



76, 6.002, 315.919

Rectangle

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



78, 5.961, 135.550



78, 5.961, 185.550



78, 5.961, 315.550



78, 5.961, 5.550

Sweetspot

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



78, 5.963, 135.554



99, 2.856, 135.730



78, 3.890, 93.028



53, 1.636, 135.738



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, 5.963, 135.554



98, 8.607, 135.507



78, 5.683, 150.260



40, 4.594, 135.486



58, 81.541, 133.016



10, 22.428, 138.045

Inverse Universe

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



76, 6.002, 315.919



95, 8.664, 315.964



76, 5.704, 330.790



39, 4.625, 315.985



30, 84.714, 317.467



3, 21.211, 313.149

Previews

White Background



This preview shows how the CIELCh color 78, 5.961, 135.550 looks on a white background.

Color Contrast Check

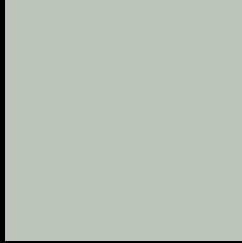
Large Text (above 18pt) WCAG AA × Fail

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, 5.961, 135.550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

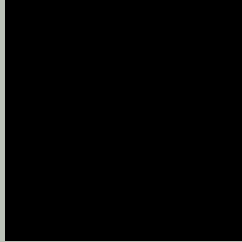
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

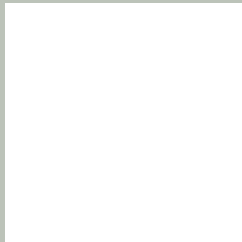
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 5.961, 135.550

Background



This preview shows how black text looks on a background with the CIELCh color 78, 5.961, 135.550.



This preview shows how white text looks on a background with the CIELCh color 78, 5.961, 135.550.

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, 5.961, 135.550

Protanopia

78, 5.292, 84.415

Deuteranopia

78, 10.240, 17.219



Tritanopia
78, 8.041, 288.381

Trichromacy



Original Color
78, 5.961, 135.550

Protanomaly
78, 4.810, 105.254

Deuteranomaly
78, 5.867, 35.560

Tritanomaly
78, 3.379, 271.761

Monochromacy



Original Color
78, 5.961, 135.550

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.263, 129.031

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 5.961, 135.550 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, 195, 185)` looks like.

```
.text, #text, p{  
    color:rgb(188, 195, 185)  
}
```

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, 195, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 195, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 5.961, 135.550 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, 195, 185) }
```

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

```
.border{ border-color:rgb(188, 195, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 195, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 195, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 195, 185);  
box-shadow:4px 4px 4px 4px rgb(188, 195,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 5.961, 135.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 195, 185) }
```

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

```
.background{ background-color: rgb(188,  
195, 185) }
```

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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