

Converting Colors

CIELCh(78, 5.473, 115.011)

Have a look what the booklet for
CIELCh(78, 5.473, 115.011) contains.

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Color

CIELCh(78, 5.390, 117.652)

Conversions

Conversions Part 1

Format	Color
Hex	C0C2B8
RGB	192, 194, 184
RGB Percent	75%, 76%, 72%
CMY	0.2473, 0.2394, 0.2787
CMYK	0.01, 0.00, 0.05, 0.24
HSL	72°, 8%, 74%
HSV	72°, 5%, 76%
XYZ	49.6454, 53.2120, 52.9677
YIQ	192.2620, 2.0180, -3.5340

Conversions

Conversions Part 2

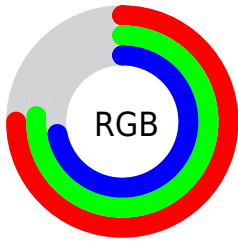
Format	Color
RYB	184, 194, 186
Decimal	12632760
CIELab	78.00, -2.50, 4.77
CIELCh	78, 5.390, 117.652
Yxy	53.2120, 0.3186, 0.3415
Android (android.graphics.Color)	4290822840 (0xFFC0C2B8)
YUV	192.2620, -4.0732, -0.2298
Hunter-Lab	72.9466, -6.1743, 8.0111

Details

The CIELCh color `78, 5.390, 117.652` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `75, 5.465, 298.356`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `98, 5.137, 117.726`, and `58, 5.114, 114.048` is the 20% darker color. If you saturate the color by 10%, you get `77, 15.837, 116.982`, and if you desaturate by 10%, it is `79, 5.082, 298.319`.

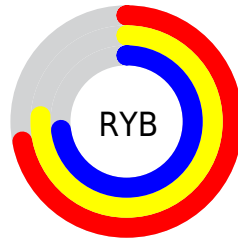
Distribution



Red (75%)

Green (76%)

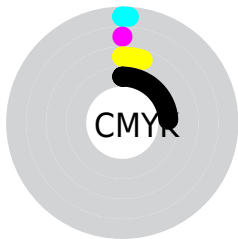
Blue (72%)



Red (72%)

Yellow (76%)

Blue (73%)

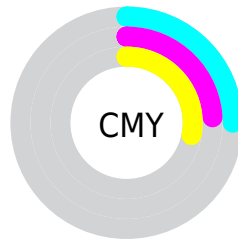


Cyan (1%)

Magenta (0%)

Yellow (5%)

Black (24%)



Cyan (25%)

Magenta (24%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 5.390, 117.652 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, 5.390, 117.652 by changing the saturation by 10% instead.

■ 78, 5.390, 117.652

■ 78, 5.390, 117.652

■ 100, 5.390,
117.652

■ 68, 5.390, 117.652

■ 98, 5.390, 117.652

■ 58, 5.390, 117.652

■ 48, 5.390, 117.652

■ 38, 5.390, 117.652

■ 28, 5.390, 117.652

■ 18, 5.390, 117.652

■ 8, 5.390, 117.652

■ 0, 5.390, 117.652

■ 78, 5.390, 117.652

■ 78, 5.390, 117.652

77, 15.837,
116.982

79, 5.082, 298.319

77, 26.189,
116.294

80, 15.541,
298.952

76, 36.355,
115.617

81, 25.952,
299.551

75, 46.193,
114.980

81, 32.882,
300.671

75, 55.490,
114.425

82, 33.076,
302.878

74, 63.933,
114.009

82, 33.317,
305.075

74, 71.099,
113.814

82, 33.603,
307.257

74, 76.510,
113.929

83, 33.935,
309.417

73, 79.825,

83, 34.312,
311.549

Harmonies

Complementary

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



78, 5.390, 117.652



75, 5.465, 298.356

Rectangle

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



78, 5.390, 117.652



78, 5.390, 167.652



78, 5.390, 297.652



78, 5.390, 347.652

Sweetspot

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



78, 5.392, 117.664



99, 2.584, 117.876



76, 3.176, 39.207



53, 1.481, 117.883



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, 5.392, 117.664



99, 7.772, 117.600



78, 5.968, 135.549



41, 4.147, 117.569



62, 70.370, 114.606



11, 19.132, 118.567

Inverse Universe

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



75, 5.465, 298.356



94, 7.887, 298.424



76, 6.007, 315.917



39, 4.212, 298.458



20, 93.196, 307.333



1, 19.609, 296.533

Previews

White Background



This preview shows how the CIELCh color 78, 5.390, 117.652 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, 5.390, 117.652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

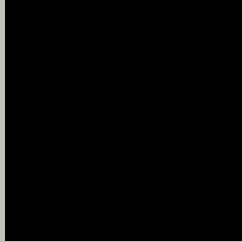
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

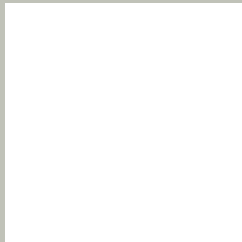
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 5.390, 117.652

Background



This preview shows how black text looks on a background with the CIELCh color 78, 5.390, 117.652.

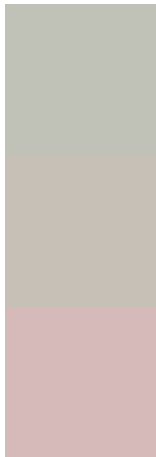


This preview shows how white text looks on a background with the CIELCh color 78, 5.390, 117.652.

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, 5.390, 117.652

Protanopia

78, 5.292, 84.415

Deuteranopia

78, 10.669, 23.073



Tritanopia
78, 8.191, 300.989

Trichromacy



Original Color
78, 5.390, 117.652

Protanomaly
78, 5.440, 97.700

Deuteranomaly
78, 6.768, 38.155

Tritanomaly
78, 3.312, 303.192

Monochromacy



Original Color
78, 5.390, 117.652

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.165, 119.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 5.390, 117.652 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(192, 194, 184)` looks like.

```
.text, #text, p{  
    color:rgb(192, 194, 184)  
}
```

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(192, 194, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 194, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 5.390, 117.652 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(192, 194, 184) }
```

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

```
.border{ border-color:rgb(192, 194, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 194, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 194, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 194, 184);  
box-shadow:4px 4px 4px 4px rgb(192, 194,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 5.390, 117.652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 194, 184) }
```

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

```
.background{ background-color: rgb(192,  
194, 184) }
```

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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