

Converting Colors

CIELCh(78, 23.327, 96.138)

Have a look what the booklet for
CIELCh(78, 23.327, 96.138) contains.

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Color

CIELCh(78, 23.349, 96.124)

Conversions

Conversions Part 1

Format	Color
Hex	CDC196
RGB	205, 193, 150
RGB Percent	80%, 76%, 59%
CMY	0.1968, 0.2438, 0.4124
CMYK	0.00, 0.06, 0.27, 0.20
HSL	47°, 35%, 70%
HSV	47°, 27%, 80%
XYZ	49.6493, 53.2120, 36.4366
YIQ	191.6860, 20.9550, -10.8290

Conversions

Conversions Part 2

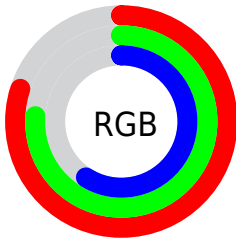
Format	Color
R _Y B	165, 205, 150
Decimal	13484438
CIE Lab	78.00, -2.49, 23.22
CIE LCh	78, 23.349, 96.124
Yxy	53.2120, 0.3564, 0.3820
Android (android.graphics.Color)	4291674518 (0xFFCDC196)
YUV	191.6860, -20.5512, 11.6764
Hunter-Lab	72.9466, -6.1647, 21.4474

Details

The CIELCh color **78, 23.349, 96.124** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 23.974, 283.036**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 22.927, 102.766**, and **58, 23.448, 96.764** is the 20% darker color. If you saturate the color by 10%, you get **76, 32.100, 94.896**, and if you desaturate by 10%, it is **80, 14.599, 97.333**.

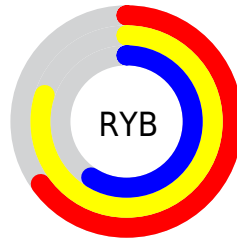
Distribution



Red (80%)

Green (76%)

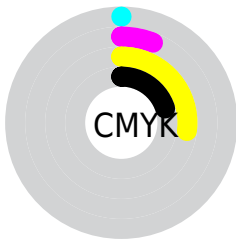
Blue (59%)



Red (65%)

Yellow (80%)

Blue (59%)

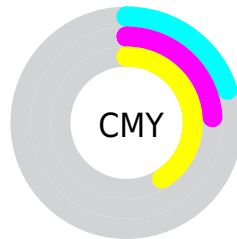


Cyan (0%)

Magenta (6%)

Yellow (27%)

Black (20%)



Cyan (20%)

Magenta (24%)

Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 23.349, 96.124 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, 23.349, 96.124 by changing the saturation by 10% instead.

 78, 23.349, 96.124

 78, 23.349, 96.124

 100, 23.349,
96.124

 68, 23.349, 96.124

 98, 23.349, 96.124

 58, 23.349, 96.124

 48, 23.349, 96.124

 38, 23.349, 96.124

 28, 23.349, 96.124

 18, 23.349, 96.124

 8, 23.349, 96.124

 0, 23.349, 96.124

 78, 23.349, 96.124

 78, 23.349, 96.124

76, 32.100, 94.896

80, 14.599, 97.333

75, 40.747, 93.638

81, 5.900, 98.488

74, 49.113, 92.359

83, 2.717, 279.712

72, 56.893, 91.056

85, 11.239,
280.753

71, 63.603, 89.709

86, 19.662,
281.788

70, 68.580, 88.273

69, 71.242, 86.673

88, 18.996,
276.836

68, 71.846, 86.153

89, 17.148,
269.749

90, 15.616,
261.178

91, 14.496,
251.089

Harmonies

Complementary

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



78, 23.349, 96.124



67, 23.974, 283.036

Rectangle

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



78, 23.349, 96.124



78, 23.349, 146.124



78, 23.349, 276.124



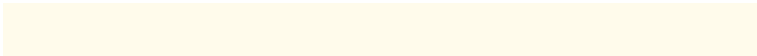
78, 23.349, 326.124

Sweetspot

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



78, 23.350, 96.130



98, 8.243, 98.347



68, 22.586, 3.653



52, 5.864, 98.174



0, 0.000, 0.000



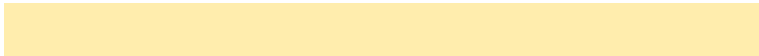
53, 0.007, 296.813

Same Dimension

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



78, 23.350, 96.130



94, 33.290, 95.447



80, 29.458, 118.904



42, 4.880, 98.201



56, 61.468, 86.443



12, 17.184, 90.397

Inverse Universe

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



67, 23.974, 283.036



78, 34.417, 284.023



65, 31.130, 302.447



40, 4.930, 280.451



24, 82.470, 301.598



3, 20.020, 286.376

Previews

White Background



This preview shows how the CIELCh color 78, 23.349, 96.124 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 78, 23.349, 96.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

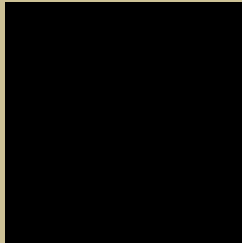
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 23.349, 96.124

Background



This preview shows how black text looks on a background with the CIELCh color 78, 23.349, 96.124.



This preview shows how white text looks on a background with the CIELCh color 78, 23.349, 96.124.

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, 23.349, 96.124

Protanopia

78, 23.438, 95.156

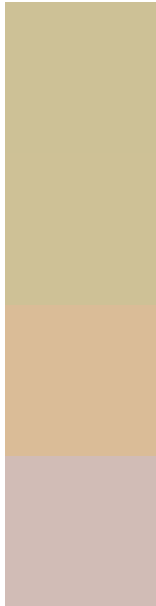
Deuteranopia

78, 24.616, 67.046



Tritanopia
78, 12.244, 339.504

Trichromacy



Original Color
78, 23.349, 96.124

Protanomaly
78, 23.438, 95.156

Deuteranomaly
78, 23.305, 76.865

Tritanomaly
78, 8.625, 41.661

Monochromacy



Original Color
78, 23.349, 96.124

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 8.217, 96.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 23.349, 96.124 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, 193, 150)` looks like.

```
.text, #text, p{  
    color:rgb(205, 193, 150)  
}
```

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, 193, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 193, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 23.349, 96.124 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, 193, 150) }
```

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

```
.border{ border-color:rgb(205, 193, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 193, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 193, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 193, 150);  
box-shadow:4px 4px 4px 4px rgb(205, 193,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 23.349, 96.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 193, 150) }
```

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

```
.background{ background-color: rgb(205,  
193, 150) }
```

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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