

Converting Colors

CIELCh(79, 25.553, 100.634)

Have a look what the booklet for
CIELCh(79, 25.553, 100.634)
contains.

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Color

CIELCh(79, 25.576, 100.620)

Conversions

Conversions Part 1

Format	Color
Hex	CDC595
RGB	205, 197, 149
RGB Percent	80%, 77%, 58%
CMY	0.1971, 0.2284, 0.4166
CMYK	0.00, 0.04, 0.27, 0.20
HSL	51°, 36%, 69%
HSV	51°, 27%, 80%
XYZ	50.4256, 54.9284, 36.2809
YIQ	193.9200, 20.1760, -13.2320

Conversions

Conversions Part 2

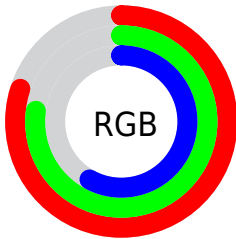
Format	Color
R_{YB}	158, 205, 149
Decimal	13485461
CIE _{Lab}	79.00, -4.71, 25.14
CIE _{LCh}	79, 25.576, 100.620
Yxy	54.9284, 0.3560, 0.3878
Android (android.graphics.Color)	4291675541 (0xFFCDC595)
YUV	193.9200, -22.1456, 9.7172
Hunter-Lab	74.1137, -8.2509, 22.8553

Details

The CIELCh color **79, 25.576, 100.620** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 26.704, 287.255**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **99, 25.754, 107.381**, and **59, 25.329, 100.340** is the 20% darker color. If you saturate the color by 10%, you get **78, 34.848, 99.489**, and if you desaturate by 10%, it is **80, 16.220, 101.745**.

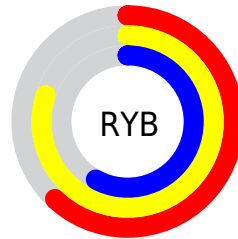
Distribution



Red (80%)

Green (77%)

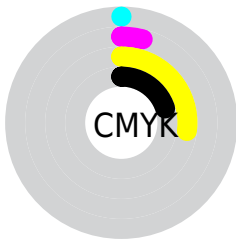
Blue (58%)



Red (62%)

Yellow (80%)

Blue (58%)

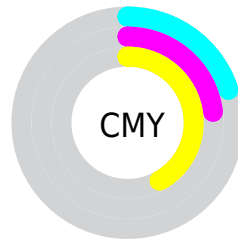


Cyan (0%)

Magenta (4%)

Yellow (27%)

Black (20%)



Cyan (20%)


Magenta (23%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 25.576, 100.620 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 79, 25.576, 100.620 by changing the saturation by 10% instead.


 79, 25.576,
100.620


 79, 25.576,
100.620


 100, 25.576,
100.620


 69, 25.576,
100.620


 99, 25.576,
100.620

 59, 25.576,
100.620

 49, 25.576,
100.620

 39, 25.576,
100.620

 29, 25.576,
100.620

 19, 25.576,
100.620

 9, 25.576, 100.620

0, 25.576, 100.620

79, 25.576,
100.620

79, 25.576,
100.620

78, 34.848, 99.489

80, 16.220,
101.745

77, 43.904, 98.350

81, 6.851, 102.833

76, 52.534, 97.220

83, 2.487, 283.971

75, 60.398, 96.110

84, 11.769,
284.960

74, 66.993, 95.024

73, 71.697, 93.957

85, 20.982,
285.943

72, 74.083, 92.878

86, 21.510,
283.577

72, 74.541, 92.591

87, 20.100,

280.050

■ 88, 18.776,
276.028

■ 88, 17.557,
271.444

Harmonies

Complementary

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



79, 25.576, 100.620



66, 26.704, 287.255

Rectangle

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



79, 25.576, 100.620



79, 25.576, 150.620



79, 25.576, 280.620



79, 25.576, 330.620

Sweetspot

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



79, 25.577, 100.625



99, 8.923, 102.752



67, 22.615, 10.009



53, 6.345, 102.589



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 25.577, 100.625



95, 36.849, 99.936



80, 30.427, 122.197



42, 5.281, 102.614



59, 63.783, 92.763



13, 18.676, 96.549

Inverse Universe

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



66, 26.704, 287.255



76, 38.930, 288.292



65, 32.001, 305.327



40, 5.361, 284.723



22, 89.034, 303.892



2, 21.206, 288.699

Previews

White Background



This preview shows how the CIELCh color 79, 25.576, 100.620 looks on a white background.

Color Contrast Check

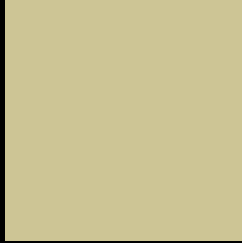
Large Text (above 18pt) WCAG AA × Fail

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 79, 25.576, 100.620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

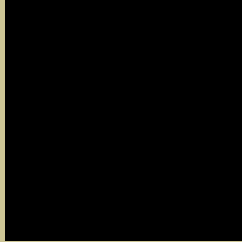
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

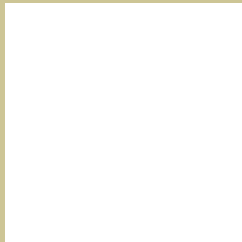
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 25.576, 100.620

Background



This preview shows how black text looks on a background with the CIELCh color 79, 25.576, 100.620.



This preview shows how white text looks on a background with the CIELCh color 79, 25.576, 100.620.

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
79, 25.576, 100.620

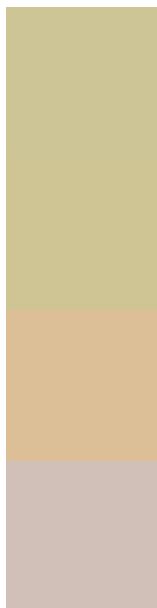
Protanopia
79, 25.543, 95.081

Deuteranopia
79, 26.074, 68.485



Tritanopia
79, 11.665, 337.035

Trichromacy



Original Color
79, 25.576, 100.620

Protanomaly
79, 25.785, 97.927

Deuteranomaly
79, 24.894, 79.915

Tritanomaly
79, 7.730, 53.105

Monochromacy



Original Color
79, 25.576, 100.620

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 9.111, 102.143

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 25.576, 100.620 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, 197, 149)` looks like.

```
.text, #text, p{  
    color:rgb(205, 197, 149)  
}
```

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, 197, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 197, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 25.576, 100.620 is called "border". The border property can be set on classes, ids or directly on the HTML element.

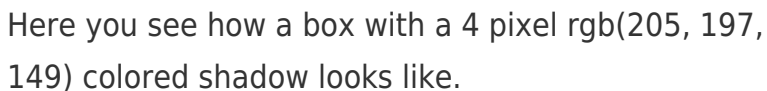
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 197, 149) }
```

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

```
.border{ border-color:rgb(205, 197, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 197, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 197, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 197, 149); box-shadow:4px 4px 4px 4px rgb(205, 197, 149) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 25.576, 100.620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 197, 149) }
```

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

```
.background{ background-color: rgb(205,  
197, 149) }
```

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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