

Converting Colors

CIELCh(79, 34.580, 98.534)

Have a look what the booklet for
CIELCh(79, 34.580, 98.534) contains.

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Color

CIELCh(79, 34.544, 98.780)

Conversions

Conversions Part 1

Format	Color
Hex	D1C584
RGB	209, 197, 132
RGB Percent	82%, 77%, 52%
CMY	0.1818, 0.2288, 0.4837
CMYK	0.00, 0.06, 0.37, 0.18
HSL	51°, 45%, 67%
HSV	51°, 37%, 82%
XYZ	50.2168, 54.9284, 29.6638
YIQ	193.1780, 28.0170, -17.6710

Conversions

Conversions Part 2

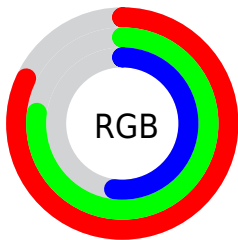
Format	Color
R_{YB}	146, 209, 132
Decimal	13747588
CIE _{Lab}	79.00, -5.27, 34.14
CIE _{LCh}	79, 34.544, 98.780
Yxy	54.9284, 0.3725, 0.4075
Android (android.graphics.Color)	4291937668 (0xFFD1C584)
YUV	193.1780, -30.1608, 13.8759
Hunter-Lab	74.1137, -8.7536, 28.1489

Details

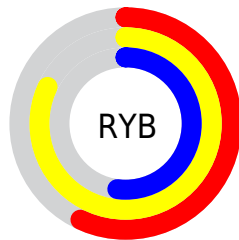
The CIELCh color **79, 34.544, 98.780** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61, 36.642, 288.288**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 34.219, 106.921**, and **59, 34.573, 98.720** is the 20% darker color. If you saturate the color by 10%, you get **78, 43.674, 97.622**, and if you desaturate by 10%, it is **80, 25.224, 99.938**.

Distribution



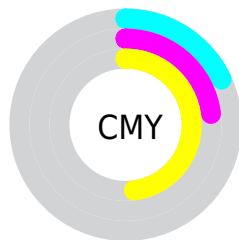
- Red (82%)
- Green (77%)
- Blue (52%)



- Red (57%)
- Yellow (82%)
- Blue (52%)



- Cyan (0%)
- Magenta (6%)
- Yellow (37%)
- Black (18%)



- Cyan (18%)
- Magenta (23%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 34.544, 98.780 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, 34.544, 98.780 by changing the saturation by 10% instead.

 79, 34.544, 98.780

 79, 34.544, 98.780

 100, 34.544,
98.780

 69, 34.544, 98.780

 99, 34.544, 98.780

 59, 34.544, 98.780

 49, 34.544, 98.780

 39, 34.544, 98.780

 29, 34.544, 98.780

 19, 34.544, 98.780

 9, 34.544, 98.780

 0, 34.544, 98.780

 79, 34.544, 98.780

 79, 34.544, 98.780

78, 43.674, 97.622

80, 25.224, 99.938

77, 52.402, 96.464

81, 15.831,
101.073

76, 60.394, 95.317

83, 6.440, 102.172

75, 67.145, 94.183

84, 2.910, 283.319

74, 72.017, 93.049

86, 12.196,
284.323

73, 74.511, 91.880

73, 75.040, 91.514

87, 20.451,
284.900

88, 18.864,
280.843

89, 17.387,
276.097

89, 16.050,
270.545

Harmonies

Complementary

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



79, 34.544, 98.780



61, 36.642, 288.288

Rectangle

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



79, 34.544, 98.780



79, 34.544, 148.780



79, 34.544, 278.780



79, 34.544, 328.780

Sweetspot

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



79, 34.545, 98.784



98, 12.116, 101.713



63, 31.738, 10.188



52, 8.144, 101.562



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, 34.545, 98.784



94, 48.311, 97.899



80, 41.303, 121.017



43, 5.317, 101.901



60, 64.035, 91.705



13, 19.882, 95.146

Inverse Universe

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



61, 36.642, 288.288



68, 52.143, 289.825



60, 44.424, 305.493



41, 5.394, 284.040



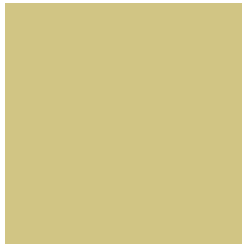
22, 89.100, 303.584



3, 22.812, 289.272

Previews

White Background



This preview shows how the CIELCh color 79, 34.544, 98.780 looks on a white background.

Color Contrast Check

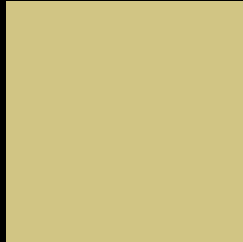
Large Text (above 18pt) WCAG AA × Fail

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 79, 34.544, 98.780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

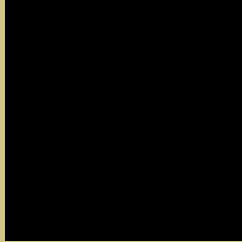
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 34.544, 98.780

Background



This preview shows how black text looks on a background with the CIELCh color 79, 34.544, 98.780.



This preview shows how white text looks on a background with the CIELCh color 79, 34.544, 98.780.

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, 34.544, 98.780

Protanopia

79, 34.870, 96.056

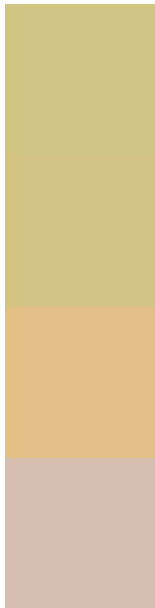
Deuteranopia

79, 34.741, 73.048



Tritanopia
79, 13.072, 345.716

Trichromacy



Original Color
79, 34.544, 98.780

Protanomaly
79, 34.788, 96.728

Deuteranomaly
79, 34.024, 82.684

Tritanomaly
79, 11.986, 61.453

Monochromacy



Original Color
79, 34.544, 98.780

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 12.387, 100.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 34.544, 98.780 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(209, 197, 132)` looks like.

```
.text, #text, p{  
    color:rgb(209, 197, 132)  
}
```

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(209, 197, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 197, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 34.544, 98.780 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(209, 197, 132) }
```

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

```
.border{ border-color:rgb(209, 197, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 197, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 197, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 197, 132); box-shadow:4px 4px 4px 4px rgb(209, 197, 132) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 34.544, 98.780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 197, 132) }
```

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

```
.background{ background-color: rgb(209,  
197, 132) }
```

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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