

Converting Colors

CIELCh(79, 36.607, 91.771)

Have a look what the booklet for
CIELCh(79, 36.607, 91.771) contains.

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Color

CIELCh(79, 36.653, 91.690)

Conversions

Conversions Part 1

Format	Color
Hex	D9C27F
RGB	217, 194, 127
RGB Percent	85%, 76%, 50%
CMY	0.1486, 0.2388, 0.5016
CMYK	0.00, 0.11, 0.41, 0.15
HSL	45°, 54%, 67%
HSV	45°, 41%, 85%
XYZ	51.7954, 54.9284, 27.9822
YIQ	193.2390, 35.2150, -15.9610

Conversions

Conversions Part 2

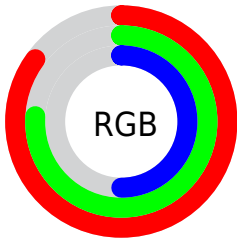
Format	Color
RYB	158, 217, 127
Decimal	14271103
CIELab	79.00, -1.08, 36.64
CIELCh	79, 36.653, 91.690
Yxy	54.9284, 0.3845, 0.4078
Android (android.graphics.Color)	4292461183 (0xFFD9C27F)
YUV	193.2390, -32.6558, 20.8384
Hunter-Lab	74.1137, -4.9517, 29.4942

Details

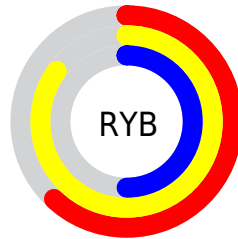
The CIELCh color **79, 36.653, 91.690** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63, 37.829, 283.591**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 34.858, 104.305**, and **59, 36.628, 91.673** is the 20% darker color. If you saturate the color by 10%, you get **77, 45.449, 90.364**, and if you desaturate by 10%, it is **81, 27.738, 92.993**.

Distribution



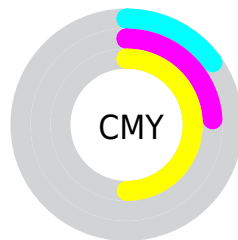
- Red (85%)
- Green (76%)
- Blue (50%)



- Red (62%)
- Yellow (85%)
- Blue (50%)



- Cyan (0%)
- Magenta (11%)
- Yellow (41%)
- Black (15%)



- Cyan (15%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 36.653, 91.690 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, 36.653, 91.690 by changing the saturation by 10% instead.

■ 79, 36.653, 91.690

■ 79, 36.653, 91.690

■ 100, 36.653,
91.690

■ 69, 36.653, 91.690

■ 99, 36.653, 91.690

■ 59, 36.653, 91.690

■ 49, 36.653, 91.690

■ 39, 36.653, 91.690

■ 29, 36.653, 91.690

■ 19, 36.653, 91.690

■ 9, 36.653, 91.690

■ 0, 36.653, 91.690

■ 79, 36.653, 91.690

■ 79, 36.653, 91.690

77, 45.449, 90.364

81, 27.738, 92.993

76, 53.895, 88.998

83, 18.828, 94.258

74, 61.601, 87.575

85, 9.989, 95.479

72, 67.958, 86.048

86, 1.255, 96.529

71, 72.197, 84.325

88, 7.361, 277.861

70, 74.061, 82.661

90, 14.670,
277.755

92, 12.472,
265.897

93, 10.995,
250.112

95, 10.532,
231.450

Harmonies

Complementary

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



79, 36.653, 91.690



63, 37.829, 283.591

Rectangle

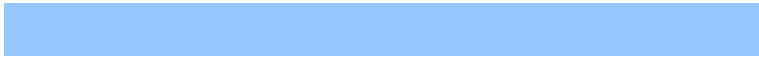
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 36.653, 91.690



79, 36.653, 141.690



79, 36.653, 271.690



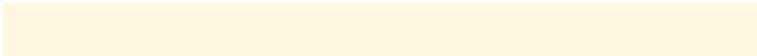
79, 36.653, 321.690

Sweetspot

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



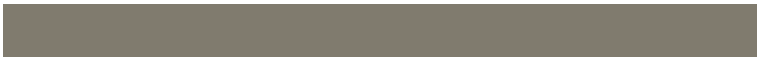
79, 36.654, 91.694



97, 11.925, 95.402



64, 37.693, 3.504



52, 7.917, 95.243



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, 36.654, 91.694



90, 50.334, 90.499



83, 46.898, 116.613



45, 4.982, 95.719



57, 62.701, 83.017



14, 20.707, 86.228

Inverse Universe

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



63, 37.829, 283.591



67, 52.646, 285.702



59, 51.600, 302.755



43, 5.018, 278.059



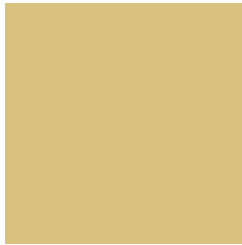
26, 81.646, 300.234



4, 24.427, 288.472

Previews

White Background



This preview shows how the CIELCh color 79, 36.653, 91.690 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, 36.653, 91.690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

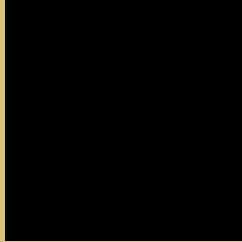
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 36.653, 91.690

Background



This preview shows how black text looks on a background with the CIELCh color 79, 36.653, 91.690.



This preview shows how white text looks on a background with the CIELCh color 79, 36.653, 91.690.

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, 36.653, 91.690

Protanopia

79, 36.468, 95.687

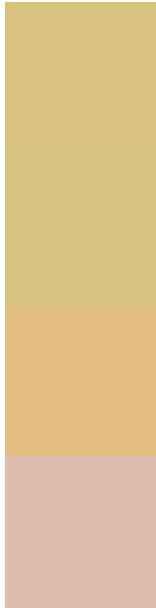
Deuteranopia

79, 37.251, 74.399



Tritanopia
79, 16.887, 352.685

Trichromacy



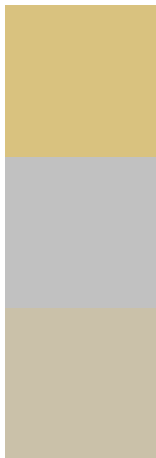
Original Color
79, 36.653, 91.690

Protanomaly
79, 36.184, 94.271

Deuteranomaly
79, 36.749, 81.342

Tritanomaly
79, 15.595, 50.861

Monochromacy



Original Color
79, 36.653, 91.690

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 13.245, 93.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 36.653, 91.690 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(217, 194, 127)` looks like.

```
.text, #text, p{  
    color:rgb(217, 194, 127)  
}
```

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(217, 194, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 194, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 36.653, 91.690 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(217, 194, 127) }
```

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

```
.border{ border-color:rgb(217, 194, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 194, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 194, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 194, 127);  
box-shadow:4px 4px 4px 4px rgb(217, 194,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 36.653, 91.690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 194, 127) }
```

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

```
.background{ background-color: rgb(217,  
194, 127) }
```

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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