

Converting Colors

CIELCh(91, 10.896, 99.041)

Have a look what the booklet for
CIELCh(91, 10.896, 99.041) contains.

CIELCh(91, 10.549, 97.180)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(91, 10.549, 97.180)

Conversions

Conversions Part 1

Format	Color
Hex	EBE5D1
RGB	235, 229, 209
RGB Percent	92%, 90%, 82%
CMY	0.0775, 0.1010, 0.1795
CMYK	0.00, 0.03, 0.11, 0.08
HSL	46°, 40%, 87%
HSV	46°, 11%, 92%
XYZ	73.9581, 78.4833, 71.7202
YIQ	228.5140, 9.9960, -4.9480

Conversions

Conversions Part 2

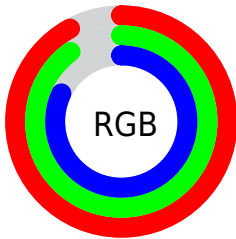
Format	Color
R _Y B	217, 235, 209
Decimal	15459793
CIE Lab	91.00, -1.32, 10.47
CIE LCh	91, 10.549, 97.180
Yxy	78.4833, 0.3299, 0.3501
Android (android.graphics.Color)	4293649873 (0xFFEBE5D1)
YUV	228.5140, -9.6204, 5.6882
Hunter-Lab	88.5908, -6.0171, 14.0144

Details

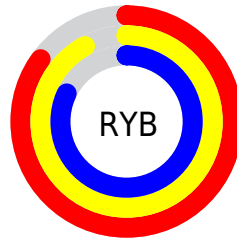
The CIELCh color **91, 10.549, 97.180** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 10.658, 279.898**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 10.499, 98.365** is the 20% darker color. If you saturate the color by 10%, you get **89, 20.201, 95.989**, and if you desaturate by 10%, it is **93, 0.992, 98.183**.

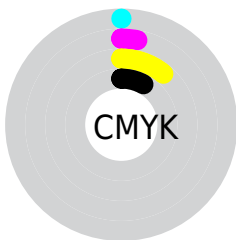
Distribution



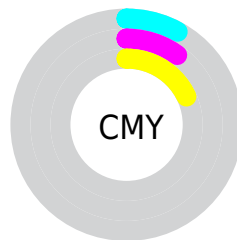
- Red (92%)
- Green (90%)
- Blue (82%)



- Red (85%)
- Yellow (92%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 10.549, 97.180 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 91, 10.549, 97.180 by changing the saturation by 10% instead.

91, 10.549, 97.180

91, 10.549, 97.180

100, 10.549,
97.180

81, 10.549, 97.180

71, 10.549, 97.180

61, 10.549, 97.180

51, 10.549, 97.180

41, 10.549, 97.180

31, 10.549, 97.180

21, 10.549, 97.180

11, 10.549, 97.180

1, 10.549, 97.180

91, 10.549, 97.180

91, 10.549, 97.180

89, 20.201, 95.989

93, 0.992, 98.183

87, 29.902, 94.747

95, 7.817, 278.515

86, 39.577, 93.474

96, 5.948, 254.291

84, 49.080, 92.176

98, 5.728, 220.480

82, 58.155, 90.851

99, 6.772, 199.074

81, 66.374, 89.486

79, 73.080, 88.043

78, 77.471, 86.451

77, 79.291, 84.851

Harmonies

Complementary

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



91, 10.549, 97.180



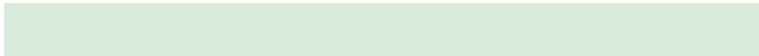
86, 10.658, 279.898

Rectangle

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



91, 10.549, 97.180



91, 10.549, 147.180



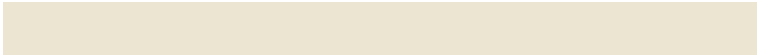
91, 10.549, 277.180



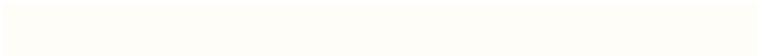
91, 10.549, 327.180

Sweetspot

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



91, 10.551, 97.192



99, 3.035, 98.087



86, 10.050, 1.757



53, 2.304, 98.008



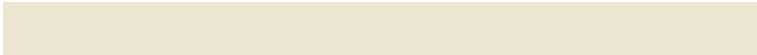
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 10.551, 97.192



97, 13.262, 96.955



92, 13.634, 119.876



48, 5.404, 97.378



60, 65.264, 85.199



17, 25.076, 87.927

Inverse Universe

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



86, 10.658, 279.898



91, 13.415, 280.171



85, 13.944, 301.249



46, 5.455, 279.688



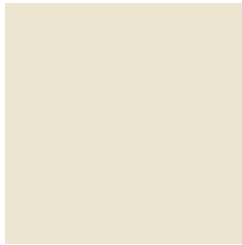
27, 87.264, 301.323



5, 30.016, 292.795

Previews

White Background



This preview shows how the CIELCh color 91, 10.549, 97.180 looks on a white background.

Color Contrast Check

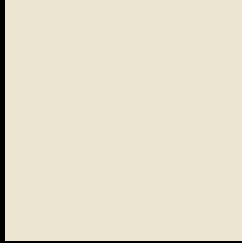
Large Text (above 18pt) WCAG AA × Fail

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 91, 10.549, 97.180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

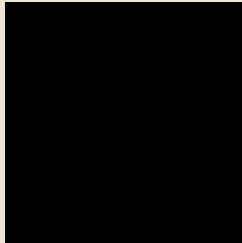
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

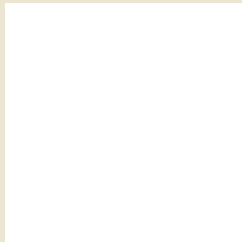
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 10.549, 97.180

Background



This preview shows how black text looks on a background with the CIELCh color 91, 10.549, 97.180.

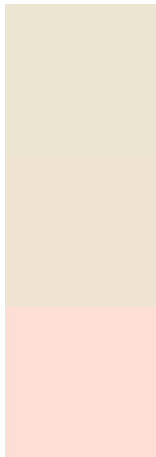


This preview shows how white text looks on a background with the CIELCh color 91, 10.549, 97.180.

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

91, 10.549, 97.180

Protanopia

91, 10.477, 88.633

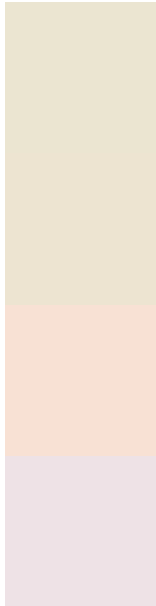
Deuteranopia

91, 13.176, 40.726



Tritanopia
91, 10.962, 321.734

Trichromacy



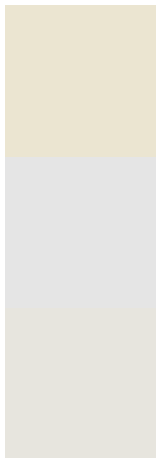
Original Color
91, 10.549, 97.180

Protanomaly
91, 10.352, 90.569

Deuteranomaly
91, 10.880, 57.794

Tritanomaly
91, 4.794, 354.047

Monochromacy



Original Color
91, 10.549, 97.180

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 3.676, 98.538

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 10.549, 97.180 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(235, 229, 209)` looks like.

```
.text, #text, p{  
    color:rgb(235, 229, 209)  
}
```

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(235, 229, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 229, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 10.549, 97.180 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(235, 229, 209) }
```

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

```
.border{ border-color:rgb(235, 229, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 229, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 229, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 229, 209);  
box-shadow:4px 4px 4px 4px rgb(235, 229,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 10.549, 97.180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 229, 209) }
```

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

```
.background{ background-color: rgb(235,  
229, 209) }
```

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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