

Converting Colors

CIELCh(91, 27.496, 116.753)

Have a look what the booklet for
CIELCh(91, 27.496, 116.753)
contains.

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Color

CIELCh(91, 27.496, 116.753)

Conversions

Conversions Part 1

Format	Color
Hex	E0EBB6
RGB	224, 235, 182
RGB Percent	88%, 92%, 71%
CMY	0.1224, 0.0792, 0.2870
CMYK	0.05, 0.00, 0.23, 0.08
HSL	72°, 57%, 82%
HSV	72°, 23%, 92%
XYZ	68.7501, 78.4833, 55.6750
YIQ	225.6690, 10.4570, -18.8150

Conversions

Conversions Part 2

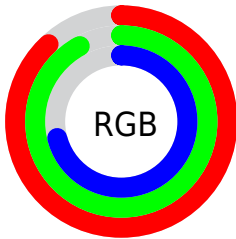
Format	Color
RYB	182, 235, 193
Decimal	14740406
CIELab	91.00, -12.38, 24.55
CIELCh	91, 27.496, 116.753
Yxy	78.4833, 0.3388, 0.3868
Android (android.graphics.Color)	4292930486 (0xFFE0EBB6)
YUV	225.6690, -21.5288, -1.4637
Hunter-Lab	88.5908, -16.5107, 24.7527

Details

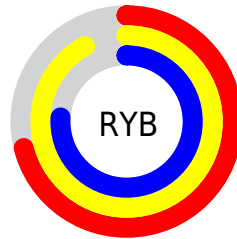
The CIELCh color **91, 27.496, 116.753** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76, 28.874, 300.048**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 8.605, 109.524**, and **71, 27.271, 116.935** is the 20% darker color. If you saturate the color by 10%, you get **90, 39.446, 116.075**, and if you desaturate by 10%, it is **92, 15.361, 117.444**.

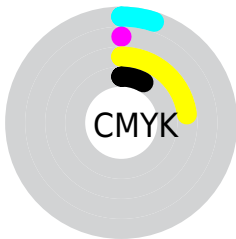
Distribution



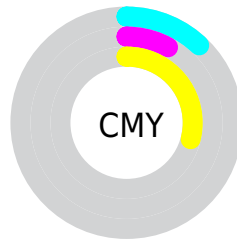
- Red (88%)
- Green (92%)
- Blue (71%)



- Red (71%)
- Yellow (92%)
- Blue (76%)



- Cyan (5%)
- Magenta (0%)
- Yellow (23%)
- Black (8%)





- Cyan (12%)
- Magenta (8%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 27.496, 116.753 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, 27.496, 116.753 by changing the saturation by 10% instead.


 91, 27.496,
116.753


 91, 27.496,
116.753


 100, 27.496,
116.753


 81, 27.496,
116.753

 71, 27.496,
116.753

 61, 27.496,
116.753

 51, 27.496,
116.753

 41, 27.496,
116.753

 31, 27.496,
116.753

 21, 27.496,

116.753

■ 11, 27.496,
116.753

■ 1, 27.496, 116.753

■ 91, 27.496,
116.753

■ 91, 27.496,
116.753

■ 90, 39.446,
116.075

■ 92, 15.361,
117.444

■ 90, 51.049,
115.428

■ 93, 3.136, 118.123

■ 89, 62.075,
114.854

■ 94, 9.106, 298.768

■ 88, 72.177,
114.411

■ 94, 10.858,
306.632

■ 95, 11.443,
314.835

■ 88, 80.873,
114.179

■ 95, 12.238,
322.178

■ 87, 87.593,
114.253

■ 95, 12.607,
324.855

■ 87, 91.878,
114.720

■ 87, 93.678,
115.296

Harmonies

Complementary

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



91, 27.496, 116.753



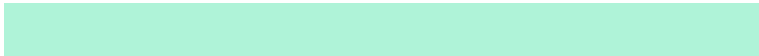
76, 28.874, 300.048

Rectangle

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



91, 27.496, 116.753



91, 27.496, 166.753



91, 27.496, 296.753



91, 27.496, 346.753

Sweetspot

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



91, 27.498, 116.756



99, 9.149, 117.821



81, 17.455, 39.166



53, 5.945, 117.780



0, 0.000, 0.000



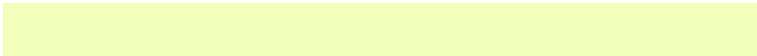
53, 0.007, 296.813

Same Dimension

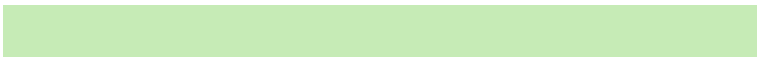
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 27.498, 116.756



98, 35.091, 116.444



89, 30.696, 134.690



49, 6.940, 117.656



69, 77.039, 115.107



20, 31.233, 114.651

Inverse Universe

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



76, 28.874, 300.048



79, 37.255, 300.476



79, 31.223, 316.697



45, 7.084, 298.956



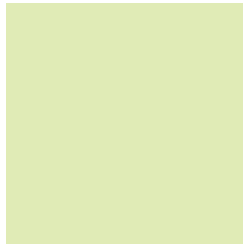
23, 101.805, 307.334



3, 36.267, 302.629

Previews

White Background



This preview shows how the CIELCh color 91, 27.496, 116.753 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 91, 27.496, 116.753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

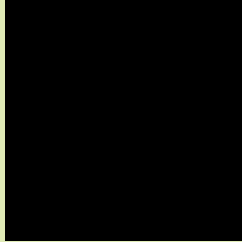
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

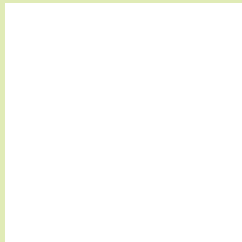
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 27.496, 116.753

Background



This preview shows how black text looks on a background with the CIELCh color 91, 27.496, 116.753.

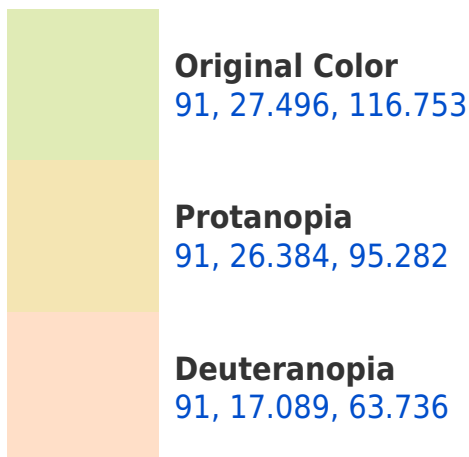


This preview shows how white text looks on a background with the CIELCh color 91, 27.496, 116.753.

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](#).

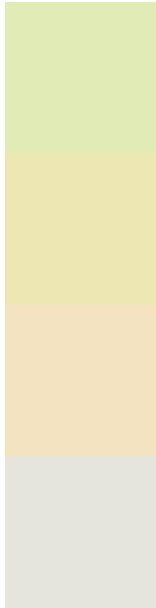
Dichromacy





Tritanopia
91, 9.610, 303.453

Trichromacy



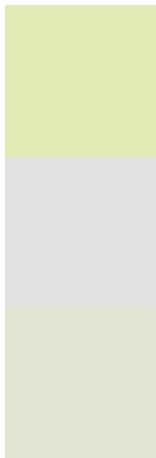
Original Color
91, 27.496, 116.753

Protanomaly
91, 26.292, 102.973

Deuteranomaly
91, 18.723, 88.445

Tritanomaly
91, 4.130, 109.826

Monochromacy



Original Color
91, 27.496, 116.753

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 10.453, 117.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 27.496, 116.753 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(224, 235, 182)` looks like.

```
.text, #text, p{  
    color:rgb(224, 235, 182)  
}
```

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(224, 235, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 235, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 27.496, 116.753 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(224, 235, 182) }
```

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

```
.border{ border-color:rgb(224, 235, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 235, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 235, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 235, 182);  
box-shadow:4px 4px 4px 4px rgb(224, 235,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 27.496, 116.753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 235, 182) }
```

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

```
.background{ background-color: rgb(224,  
235, 182) }
```

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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