

Converting Colors

CIELCh(91, 27.556, 135.425)

Have a look what the booklet for
CIELCh(91, 27.556, 135.425)
contains.

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Color

CIELCh(91, 27.314, 135.561)

Conversions

Conversions Part 1

Format	Color
Hex	CDEF00
RGB	205, 239, 192
RGB Percent	80%, 94%, 75%
CMY	0.1962, 0.0629, 0.2472
CMYK	0.14, 0.00, 0.20, 0.06
HSL	103°, 59%, 84%
HSV	103°, 20%, 94%
XYZ	65.5277, 78.4833, 61.5393
YIQ	223.4760, -5.1770, -21.8250

Conversions

Conversions Part 2

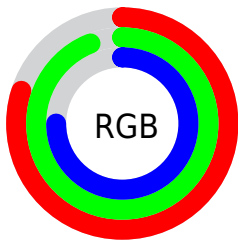
Format	Color
RYB	192, 239, 226
Decimal	13496256
CIELab	91.00, -19.50, 19.12
CIELCh	91, 27.314, 135.561
Yxy	78.4833, 0.3188, 0.3818
Android (android.graphics.Color)	4291686336 (0xFFCDEF0)
YUV	223.4760, -15.5177, -16.2035
Hunter-Lab	88.5908, -23.0034, 20.8280

Details

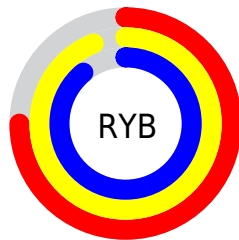
The CIELCh color **91, 27.314, 135.561** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 27.690, 317.310**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **71, 27.587, 135.620** is the 20% darker color. If you saturate the color by 10%, you get **89, 41.195, 135.017**, and if you desaturate by 10%, it is **93, 13.384, 136.063**.

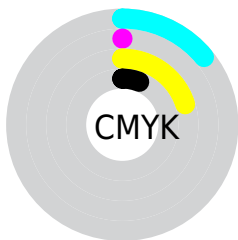
Distribution



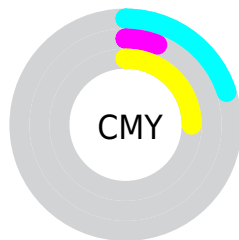
- Red (80%)
- Green (94%)
- Blue (75%)



- Red (75%)
- Yellow (94%)
- Blue (89%)



- Cyan (14%)
- Magenta (0%)
- Yellow (20%)
- Black (6%)





- Cyan (20%)
- Magenta (6%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 27.314, 135.561 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, 27.314, 135.561 by changing the saturation by 10% instead.


 91, 27.314,
135.561


 91, 27.314,
135.561


 100, 27.314,
135.561


 81, 27.314,
135.561


 71, 27.314,
135.561

 61, 27.314,
135.561


 51, 27.314,
135.561

 41, 27.314,
135.561


 31, 27.314,
135.561


 21, 27.314,


135.561


 11, 27.314,
135.561


 1, 27.314, 135.561

 91, 27.314,
135.561


 91, 27.314,
135.561


 89, 41.195,
135.017


 93, 13.384,
136.063

 88, 54.834,
134.437

 94, 0.466, 316.026

 87, 67.971,
133.853

 96, 10.001,
324.758

 86, 80.246,
133.321

■ 85, 91.175,
132.932

■ 84, 100.163,
132.811

■ 84, 106.645,
133.083

■ 83, 110.562,
133.734

■ 83, 110.672,
133.753

Harmonies

Complementary

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



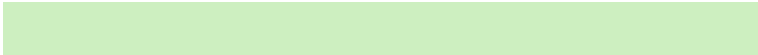
91, 27.314, 135.561



82, 27.690, 317.310

Rectangle

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



91, 27.314, 135.561



91, 27.314, 185.561



91, 27.314, 315.561



91, 27.314, 5.561

Sweetspot

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



91, 27.316, 135.562



99, 8.735, 136.239



90, 18.137, 92.476



53, 5.797, 136.207



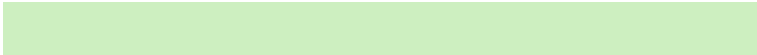
0, 0.000, 0.000



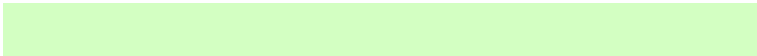
53, 0.007, 296.813

Same Dimension

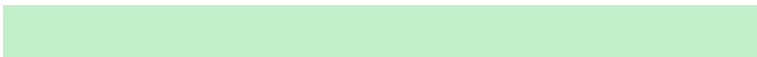
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 27.316, 135.562



96, 35.147, 135.327



90, 25.583, 149.722



49, 7.884, 136.072



66, 90.606, 133.556



20, 37.396, 133.188

Inverse Universe

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



82, 27.690, 317.310



84, 35.731, 317.506



83, 25.699, 332.378



47, 7.944, 316.857



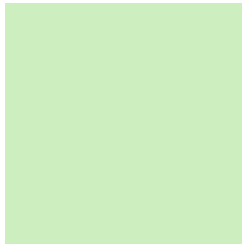
35, 93.165, 318.119



7, 40.103, 319.245

Previews

White Background



This preview shows how the CIELCh color 91, 27.314, 135.561 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, 27.314, 135.561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

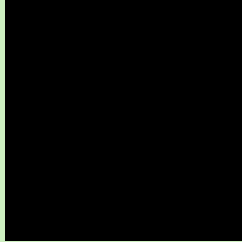
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

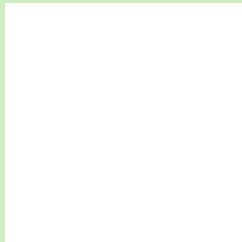
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 27.314, 135.561

Background



This preview shows how black text looks on a background with the CIELCh color 91, 27.314, 135.561.

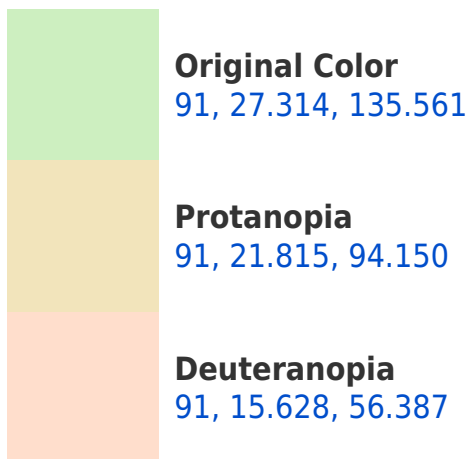


This preview shows how white text looks on a background with the CIELCh color 91, 27.314, 135.561.

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



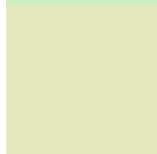


Tritanopia
91, 10.837, 258.928

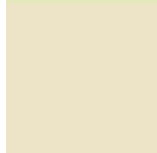
Trichromacy



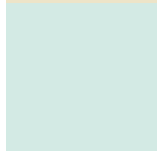
Original Color
91, 27.314, 135.561



Protanomaly
91, 22.143, 111.324



Deuteranomaly
91, 14.838, 95.808

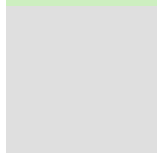


Tritanomaly
91, 8.689, 177.884

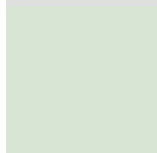
Monochromacy



Original Color
91, 27.314, 135.561



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 10.035, 137.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 27.314, 135.561 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, 239, 192)` looks like.

```
.text, #text, p{  
    color:rgb(205, 239, 192)  
}
```

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, 239, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 239, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 27.314, 135.561 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, 239, 192) }
```

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

```
.border{ border-color:rgb(205, 239, 192) }
```

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

Here you see how a box with a 4 pixel rgb(205, 239, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 239, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 239, 192);  
box-shadow:4px 4px 4px 4px rgb(205, 239,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 27.314, 135.561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 239, 192) }
```

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

```
.background{ background-color: rgb(205,  
239, 192) }
```

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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