

Converting Colors

CIELCh(91, 14.311, 145.310)

Have a look what the booklet for
CIELCh(91, 14.311, 145.310)
contains.

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Color

CIELCh(91, 14.146, 145.056)

Conversions

Conversions Part 1

Format	Color
Hex	D4EBD5
RGB	212, 235, 213
RGB Percent	83%, 92%, 84%
CMY	0.1673, 0.0771, 0.1634
CMYK	0.10, 0.00, 0.09, 0.08
HSL	123°, 37%, 88%
HSV	123°, 10%, 92%
XYZ	69.1098, 78.4833, 74.6827
YIQ	225.6150, -6.6460, -11.7180

Conversions

Conversions Part 2

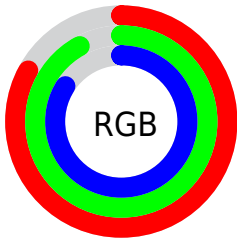
Format	Color
R_{YB}	212, 234, 235
Decimal	13954005
CIE Lab	91.00, -11.60, 8.10
CIE LCh	91, 14.146, 145.056
Yxy	78.4833, 0.3109, 0.3531
Android (android.graphics.Color)	4292144085 (0xFFD4EBD5)
YUV	225.6150, -6.2192, -11.9404
Hunter-Lab	88.5908, -15.7858, 12.0317

Details

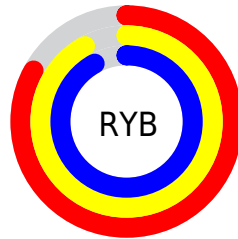
The CIELCh color **91, 14.146, 145.056** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 14.171, 326.151**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 14.239, 144.955** is the 20% darker color. If you saturate the color by 10%, you get **89, 28.748, 144.337**, and if you desaturate by 10%, it is **93, 0.330, 324.719**.

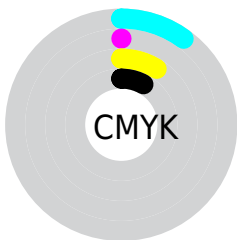
Distribution



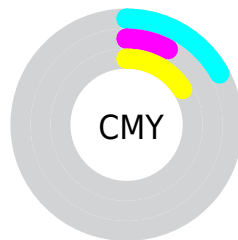
- Red (83%)
- Green (92%)
- Blue (84%)



- Red (83%)
- Yellow (92%)
- Blue (92%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (8%)





- Cyan (17%)
- Magenta (8%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 14.146, 145.056 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, 14.146, 145.056 by changing the saturation by 10% instead.


 91, 14.146,
145.056


 91, 14.146,
145.056

 100, 14.146,
145.056


 81, 14.146,
145.056


 71, 14.146,
145.056

 61, 14.146,
145.056

 51, 14.146,
145.056

 41, 14.146,
145.056

 31, 14.146,
145.056

 21, 14.146,

145.056

■ 11, 14.146,
145.056

■ 1, 14.146, 145.056

■ 91, 14.146,
145.056

■ 91, 14.146,
145.056

■ 89, 28.748,
144.337

■ 93, 0.330, 324.719

■ 87, 43.267,
143.504

■ 95, 12.262,
324.842

■ 86, 57.435,
142.542

■ 84, 70.909,
141.452

■ 83, 83.272,
140.258

■ 83, 94.037,
139.022

■ 82, 102.678,
137.850

■ 82, 108.712,
136.883

■ 82, 111.969,
136.282

Harmonies

Complementary

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



91, 14.146, 145.056



87, 14.171, 326.151

Rectangle

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



91, 14.146, 145.056



91, 14.146, 195.056



91, 14.146, 325.056



91, 14.146, 15.056

Sweetspot

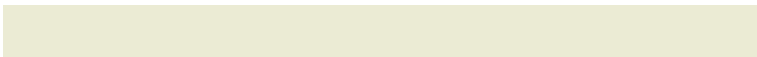
The Sweet Spot groups the original color and five complimentary colors.



91, 14.148, 145.056



99, 4.603, 145.522



93, 11.830, 110.594



53, 3.493, 145.460



0, 0.000, 0.000



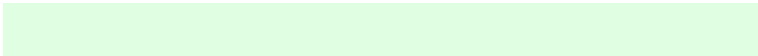
53, 0.007, 296.813

Same Dimension

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



91, 14.148, 145.056



97, 18.559, 144.901



91, 9.913, 164.690



48, 8.198, 145.077



64, 91.812, 136.376



18, 37.408, 139.030

Inverse Universe

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



87, 14.171, 326.151



93, 18.585, 326.284



87, 10.064, 346.289



46, 8.211, 326.133



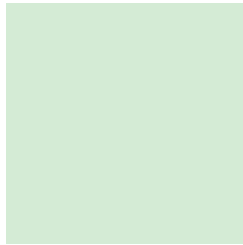
43, 86.377, 330.035



9, 37.173, 329.761

Previews

White Background



This preview shows how the CIELCh color 91, 14.146, 145.056 looks on a white background.

Color Contrast Check

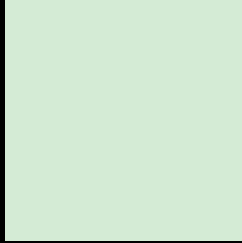
Large Text (above 18pt) WCAG AA × Fail

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, 14.146, 145.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

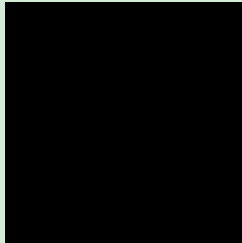
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

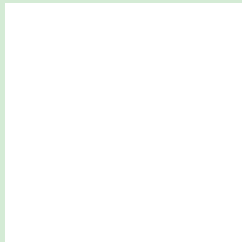
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 14.146, 145.056

Background



This preview shows how black text looks on a background with the CIELCh color 91, 14.146, 145.056.

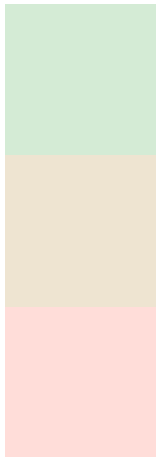


This preview shows how white text looks on a background with the CIELCh color 91, 14.146, 145.056.

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, 14.146, 145.056

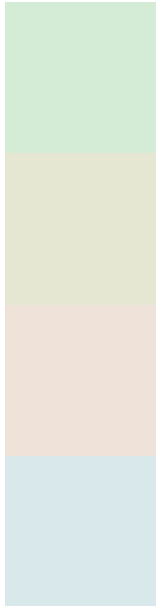
Protanopia
91, 10.477, 88.633

Deuteranopia
91, 12.770, 29.504



Tritanopia
91, 10.103, 267.118

Trichromacy



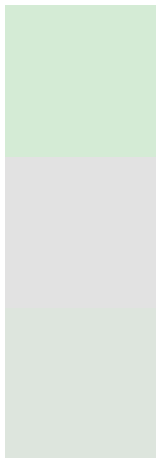
Original Color
91, 14.146, 145.056

Protanomaly
91, 10.349, 113.403

Deuteranomaly
91, 7.019, 66.906

Tritanomaly
91, 5.747, 214.884

Monochromacy



Original Color
91, 14.146, 145.056

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 5.064, 144.302

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 14.146, 145.056 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(212, 235, 213)` looks like.

```
.text, #text, p{  
    color:rgb(212, 235, 213)  
}
```

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(212, 235, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 235, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 14.146, 145.056 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(212, 235, 213) }
```

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

```
.border{ border-color:rgb(212, 235, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 235, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 235, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 235, 213);  
box-shadow:4px 4px 4px 4px rgb(212, 235,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 14.146, 145.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 235, 213) }
```

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

```
.background{ background-color: rgb(212,  
235, 213) }
```

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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