

Converting Colors

CIELCh(95, 25.229, 140.186)

Have a look what the booklet for
CIELCh(95, 25.229, 140.186)
contains.

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Color

CIElCh(95, 25.375, 140.283)

Conversions

Conversions Part 1

Format	Color
Hex	D6FBD1
RGB	214, 251, 209
RGB Percent	84%, 98%, 82%
CMY	0.1621, 0.0170, 0.1817
CMYK	0.15, 0.00, 0.17, 0.02
HSL	113°, 83%, 90%
HSV	113°, 17%, 98%
XYZ	73.4965, 87.6183, 73.1494
YIQ	235.1490, -8.5700, -20.9060

Conversions

Conversions Part 2

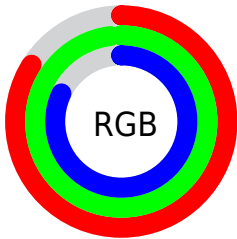
Format	Color
R_{YB}	209, 251, 246
Decimal	14089169
CIE _{Lab}	95.00, -19.52, 16.21
CIE _{LCh}	95, 25.375, 140.283
Yxy	87.6183, 0.3137, 0.3740
Android (android.graphics.Color)	4292279249 (0xFFD6FBD1)
YUV	235.1490, -12.8915, -18.5477
Hunter-Lab	93.6047, -23.6536, 19.1898

Details

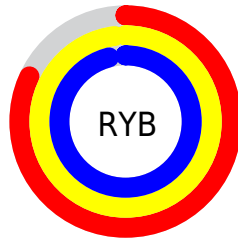
The CIELCh color **95, 25.375, 140.283** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **88, 25.502, 321.972**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 25.343, 139.897** is the 20% darker color. If you saturate the color by 10%, you get **93, 40.580, 139.627**, and if you desaturate by 10%, it is **97, 10.172, 140.866**.

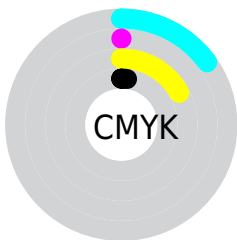
Distribution



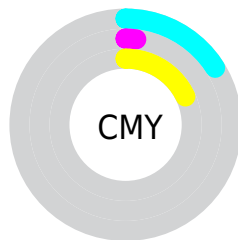
- Red (84%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (96%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)
- Black (2%)





- Cyan (16%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 25.375, 140.283 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 95, 25.375, 140.283 by changing the saturation by 10% instead.


 95, 25.375,
140.283


 95, 25.375,
140.283


 100, 25.375,
140.283


 85, 25.375,
140.283

 75, 25.375,
140.283

 65, 25.375,
140.283

 55, 25.375,
140.283

 45, 25.375,
140.283

 35, 25.375,
140.283

 25, 25.375,

140.283

■ 15, 25.375,
140.283

■ 5, 25.375, 140.283

■ 95, 25.375,
140.283

■ 95, 25.375,
140.283

■ 93, 40.580,
139.627

■ 97, 10.172,
140.866

■ 92, 55.552,
138.888

■ 99, 2.698, 324.421

■ 90, 69.985,
138.080

■ 89, 83.470,
137.241

■ 88, 95.482,
136.445

■ 87, 105.388,
135.809

■ 87, 112.547,
135.468

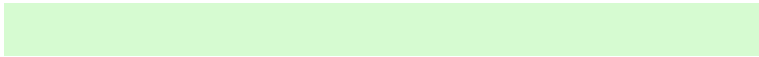
■ 87, 116.610,
135.508

■ 87, 117.461,
135.538

Harmonies

Complementary

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



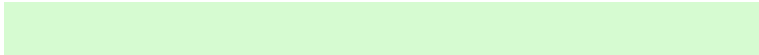
95, 25.375, 140.283



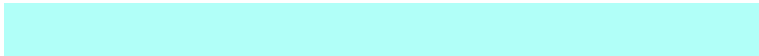
88, 25.502, 321.972

Rectangle

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



95, 25.375, 140.283



95, 25.375, 190.283



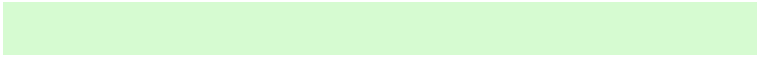
95, 25.375, 320.283



95, 25.375, 10.283

Sweetspot

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



95, 25.377, 140.284



99, 7.626, 140.966



96, 18.641, 102.296



53, 5.206, 140.926



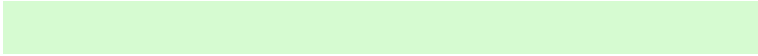
0, 0.000, 0.000



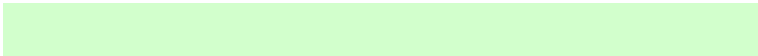
53, 0.007, 296.813

Same Dimension

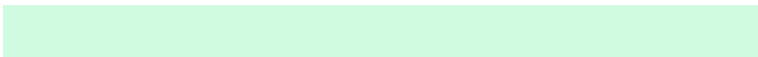
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 25.377, 140.284



96, 30.750, 140.078



95, 20.237, 155.813



51, 8.559, 140.712



67, 94.757, 135.434



22, 41.511, 135.345

Inverse Universe

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



88, 25.502, 321.972



87, 30.921, 322.131



88, 20.455, 338.361



49, 8.591, 321.613



41, 92.956, 323.636



10, 41.993, 324.199

Previews

White Background



This preview shows how the CIE LCh color 95, 25.375, 140.283 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 95, 25.375, 140.283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

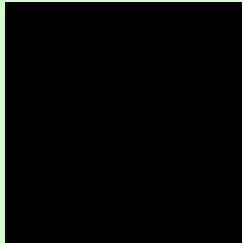
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

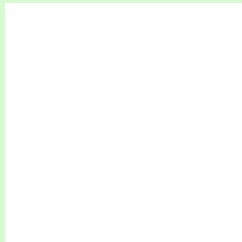
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 25.375, 140.283

Background



This preview shows how black text looks on a background with the CIELCh color 95, 25.375, 140.283.

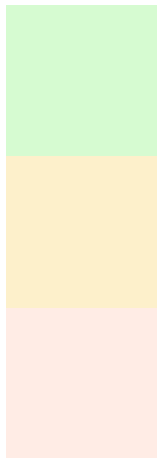


This preview shows how white text looks on a background with the CIELCh color 95, 25.375, 140.283.

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
95, 25.375, 140.283

Protanopia
95, 19.528, 94.134

Deuteranopia
95, 7.771, 47.157

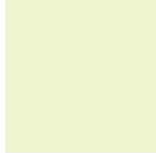


Tritanopia
95, 7.933, 256.823

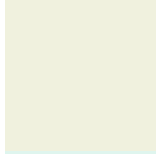
Trichromacy



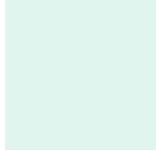
Original Color
95, 25.375, 140.283



Protanomaly
95, 19.981, 113.964



Deuteranomaly
95, 9.732, 111.549

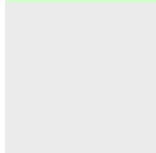


Tritanomaly
95, 8.522, 173.945

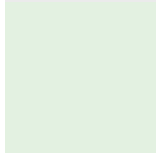
Monochromacy



Original Color
95, 25.375, 140.283



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 9.669, 140.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 25.375, 140.283 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(214, 251, 209)` looks like.

```
.text, #text, p{  
    color:rgb(214, 251, 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(214, 251, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 251, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 25.375, 140.283 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(214, 251, 209) }
```

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

```
.border{ border-color:rgb(214, 251, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 251, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 251, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 251, 209);  
box-shadow:4px 4px 4px 4px rgb(214, 251,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 25.375, 140.283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 251, 209) }
```

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

```
.background{ background-color: rgb(214,  
251, 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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