

Converting Colors

CIELCh(95, 14.305, 156.227)

Have a look what the booklet for
CIELCh(95, 14.305, 156.227)
contains.

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Color

CIELCh(95, 14.473, 156.217)

Conversions

Conversions Part 1

Format	Color
Hex	DAF8E5
RGB	218, 248, 229
RGB Percent	85%, 97%, 90%
CMY	0.1455, 0.0278, 0.1023
CMYK	0.12, 0.00, 0.08, 0.03
HSL	142°, 68%, 91%
HSV	142°, 12%, 97%
XYZ	76.5525, 87.6183, 86.9365
YIQ	236.8640, -11.7810, -12.2690

Conversions

Conversions Part 2

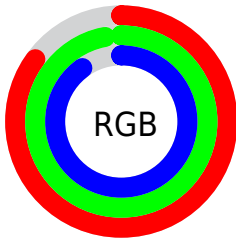
Format	Color
R _Y B	218, 240, 248
Decimal	14350565
CIE Lab	95.00, -13.24, 5.84
CIE LCh	95, 14.473, 156.217
Yxy	87.6183, 0.3049, 0.3489
Android (android.graphics.Color)	4292540645 (0xFFDAF8E5)
YUV	236.8640, -3.8770, -16.5437
Hunter-Lab	93.6047, -17.8258, 10.4570

Details

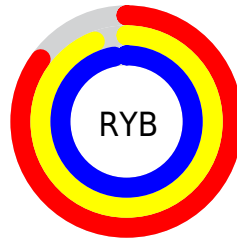
The CIELCh color **95, 14.473, 156.217** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 14.596, 337.983**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 14.551, 156.535** is the 20% darker color. If you saturate the color by 10%, you get **93, 26.463, 155.324**, and if you desaturate by 10%, it is **97, 2.496, 157.129**.

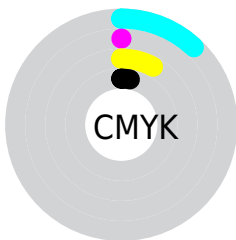
Distribution



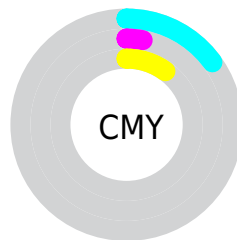
- Red (85%)
- Green (97%)
- Blue (90%)



- Red (85%)
- Yellow (94%)
- Blue (97%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (3%)





- Cyan (15%)
- Magenta (3%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 14.473, 156.217 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, 14.473, 156.217 by changing the saturation by 10% instead.

 95, 14.473,
156.217


 95, 14.473,
156.217


 100, 14.473,
156.217


 85, 14.473,
156.217


 75, 14.473,
156.217

 65, 14.473,
156.217

 55, 14.473,
156.217

 45, 14.473,
156.217

 35, 14.473,
156.217

 25, 14.473,

156.217

■ 15, 14.473,
156.217

■ 5, 14.473, 156.217

■ 95, 14.473,
156.217

■ 95, 14.473,
156.217

■ 93, 26.463,
155.324

■ 97, 2.496, 157.129

■ 91, 38.299,
154.316

■ 98, 4.414, 324.525

■ 90, 49.791,
153.164

■ 89, 60.724,
151.842

■ 88, 70.877,
150.329

■ 87, 80.051,
148.614

■ 86, 88.099,
146.702

■ 86, 94.953,
144.627

■ 86, 99.597,
142.961

Harmonies

Complementary

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



95, 14.473, 156.217



90, 14.596, 337.983

Rectangle

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



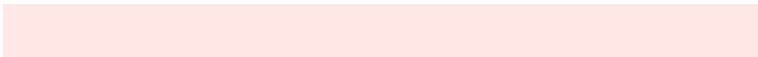
95, 14.473, 156.217



95, 14.473, 206.217



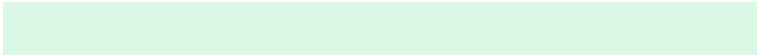
95, 14.473, 336.217



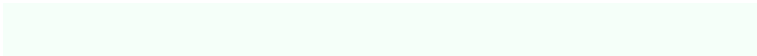
95, 14.473, 26.217

Sweetspot

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



95, 14.475, 156.215



99, 4.873, 156.908



96, 15.783, 123.026



53, 3.465, 156.838



0, 0.000, 0.000



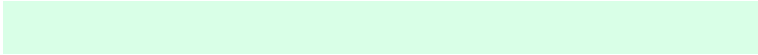
53, 0.007, 296.813

Same Dimension

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



95, 14.475, 156.215



97, 18.370, 155.965



95, 10.603, 186.162



51, 6.836, 156.434



67, 80.440, 143.345



22, 33.908, 146.574

Inverse Universe

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



90, 14.596, 337.983



90, 18.551, 338.218



90, 11.209, 8.206



49, 6.885, 337.774



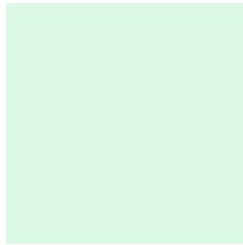
41, 70.797, 350.130



10, 32.875, 346.456

Previews

White Background



This preview shows how the CIE LCh color 95, 14.473, 156.217 looks on a white background.

Color Contrast Check

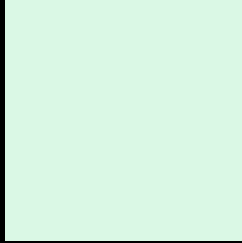
Large Text (above 18pt) WCAG AA × Fail

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 95, 14.473, 156.217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

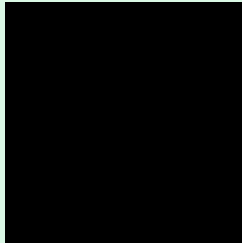
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

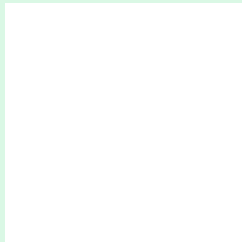
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 14.473, 156.217

Background



This preview shows how black text looks on a background with the CIELCh color 95, 14.473, 156.217.

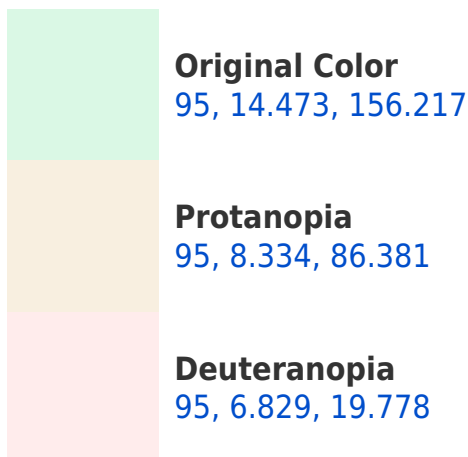


This preview shows how white text looks on a background with the CIELCh color 95, 14.473, 156.217.

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



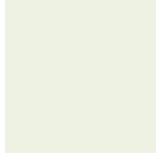


Tritanopia
95, 7.933, 256.823

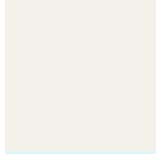
Trichromacy



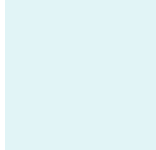
Original Color
95, 14.473, 156.217



Protanomaly
95, 8.400, 121.909



Deuteranomaly
95, 3.643, 98.555

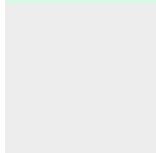


Tritanomaly
95, 6.601, 208.058

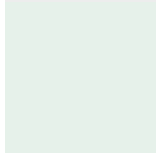
Monochromacy



Original Color
95, 14.473, 156.217



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 5.326, 156.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 14.473, 156.217 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(218, 248, 229)` looks like.

```
.text, #text, p{  
    color:rgb(218, 248, 229)  
}
```

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(218, 248, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 248, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 14.473, 156.217 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(218, 248, 229) }
```

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

```
.border{ border-color:rgb(218, 248, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 248, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 248, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 248, 229);  
box-shadow:4px 4px 4px 4px rgb(218, 248,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 14.473, 156.217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 248, 229) }
```

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

```
.background{ background-color: rgb(218,  
248, 229) }
```

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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