

Converting Colors

CIELCh(95, 12.233, 165.336)

Have a look what the booklet for
CIELCh(95, 12.233, 165.336)
contains.

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Color

CIELCh(95, 12.218, 165.537)

Conversions

Conversions Part 1

Format	Color
Hex	DAF7EA
RGB	218, 247, 234
RGB Percent	85%, 97%, 92%
CMY	0.1439, 0.0302, 0.0812
CMYK	0.12, 0.00, 0.05, 0.03
HSL	153°, 65%, 91%
HSV	153°, 12%, 97%
XYZ	77.2523, 87.6183, 90.9104
YIQ	236.8470, -13.1110, -10.1910

Conversions

Conversions Part 2

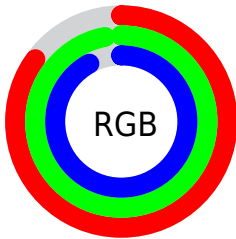
Format	Color
R _Y B	218, 237, 247
Decimal	14350314
CIE Lab	95.00, -11.83, 3.05
CIE LCh	95, 12.218, 165.537
Yxy	87.6183, 0.3020, 0.3426
Android (android.graphics.Color)	4292540394 (0xFFDAF7EA)
YUV	236.8470, -1.4036, -16.5288
Hunter-Lab	93.6047, -16.4914, 7.9399

Details

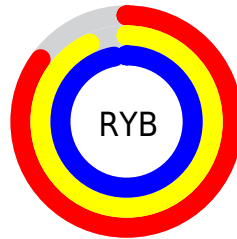
The CIELCh color **95, 12.218, 165.537** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 12.457, 347.540**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 12.517, 164.373** is the 20% darker color. If you saturate the color by 10%, you get **93, 22.550, 164.533**, and if you desaturate by 10%, it is **97, 1.796, 166.660**.

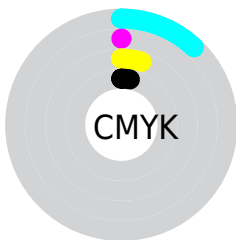
Distribution



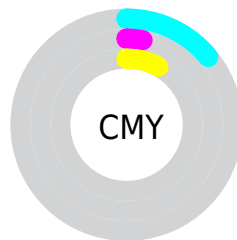
- Red (85%)
- Green (97%)
- Blue (92%)



- Red (85%)
- Yellow (93%)
- Blue (97%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (3%)





- Cyan (14%)
- Magenta (3%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 12.218, 165.537 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, 12.218, 165.537 by changing the saturation by 10% instead.


 95, 12.218,
165.537


 95, 12.218,
165.537


 100, 12.218,
165.537


 85, 12.218,
165.537

 75, 12.218,
165.537

 65, 12.218,
165.537

 55, 12.218,
165.537

 45, 12.218,
165.537

 35, 12.218,
165.537

 25, 12.218,

165.537

■ 15, 12.218,
165.537

■ 5, 12.218, 165.537

■ 95, 12.218,
165.537

■ 95, 12.218,
165.537

■ 93, 22.550,
164.533

■ 97, 1.796, 166.660

■ 92, 32.640,
163.436

■ 98, 4.787, 324.544

■ 90, 42.325,
162.212

■ 89, 51.423,
160.834

■ 88, 59.763,
159.276

■ 87, 67.202,
157.514

■ 87, 73.660,
155.536

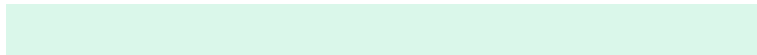
■ 86, 79.141,
153.346

■ 86, 83.079,
151.439

Harmonies

Complementary

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



95, 12.218, 165.537



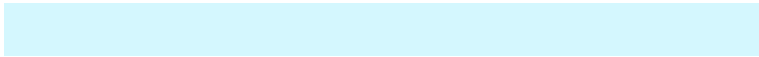
90, 12.457, 347.540

Rectangle

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



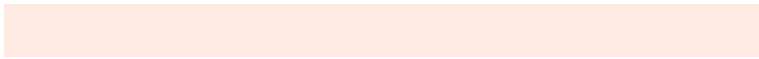
95, 12.218, 165.537



95, 12.218, 215.537



95, 12.218, 345.537



95, 12.218, 35.537

Sweetspot

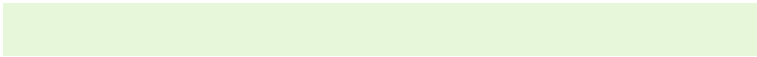
The Sweet Spot groups the original color and five complimentary colors.



95, 12.220, 165.533



99, 4.269, 166.307



96, 15.941, 130.294



53, 3.035, 166.222



0, 0.000, 0.000



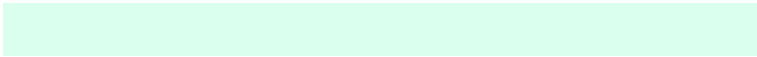
53, 0.007, 296.813

Same Dimension

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



95, 12.220, 165.533



97, 14.944, 165.310



95, 9.412, 203.426



50, 5.873, 165.750



67, 66.541, 151.881



21, 27.650, 155.457

Inverse Universe

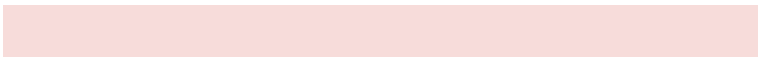
The Inverse Universe completely reimagines the original color for something new.



90, 12.457, 347.540



91, 15.287, 347.768



90, 10.163, 24.291



48, 5.967, 347.319



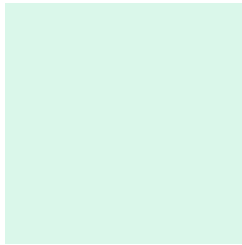
40, 66.644, 6.996



9, 29.864, 0.016

Previews

White Background



This preview shows how the CIE LCh color 95, 12.218, 165.537 looks on a white background.

Color Contrast Check

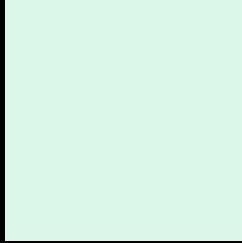
Large Text (above 18pt) WCAG AA × Fail

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, 12.218, 165.537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

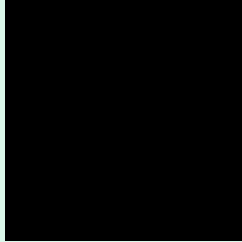
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

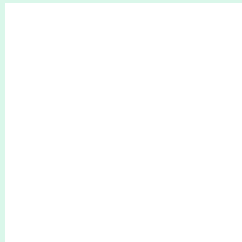
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 12.218, 165.537

Background



This preview shows how black text looks on a background with the CIELCh color 95, 12.218, 165.537.

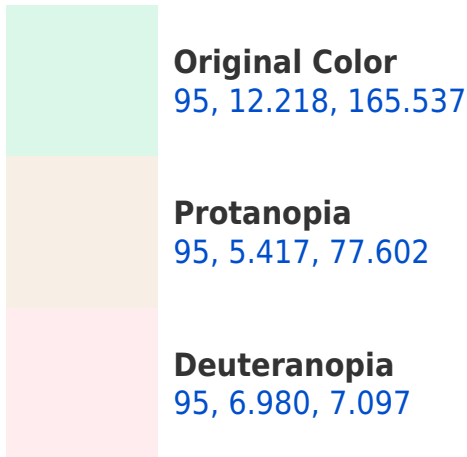


This preview shows how white text looks on a background with the CIELCh color 95, 12.218, 165.537.

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



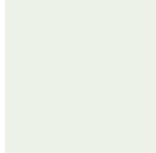


Tritanopia
95, 7.933, 256.823

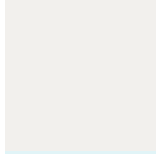
Trichromacy



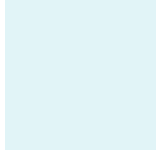
Original Color
95, 12.218, 165.537



Protanomaly
95, 5.436, 128.913



Deuteranomaly
95, 1.678, 84.961

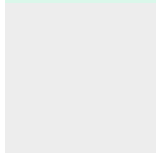


Tritanomaly
95, 6.678, 212.461

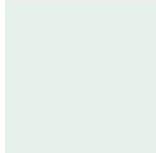
Monochromacy



Original Color
95, 12.218, 165.537



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 4.674, 165.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 12.218, 165.537 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, 247, 234)` looks like.

```
.text, #text, p{  
    color:rgb(218, 247, 234)  
}
```

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, 247, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 247, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 12.218, 165.537 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, 247, 234) }
```

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

```
.border{ border-color:rgb(218, 247, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 247, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 247, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 247, 234);  
box-shadow:4px 4px 4px 4px rgb(218, 247,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 12.218, 165.537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 247, 234) }
```

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

```
.background{ background-color: rgb(218,  
247, 234) }
```

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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