

# Converting Colors

CIELCh(95, 24.172, 142.285)

Have a look what the booklet for  
CIELCh(95, 24.172, 142.285)  
contains.

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# **Color**

**CIELCh(95, 24.705, 142.176)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5FBD3
RGB	213, 251, 211
RGB Percent	84%, 98%, 83%
CMY	0.1658, 0.0167, 0.1736
CMYK	0.15, 0.00, 0.16, 0.02
HSL	117°, 82%, 90%
HSV	117°, 16%, 98%
XYZ	73.4985, 87.6183, 74.4911
YIQ	235.0780, -9.8080, -20.4960

# Conversions

## Conversions Part 2

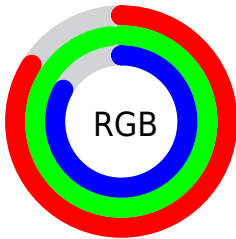
Format	Color
R <sub>Y</sub> B	211, 251, 249
Decimal	14023635
CIE Lab	95.00, -19.51, 15.15
CIE LCh	95, 24.705, 142.176
Yxy	87.6183, 0.3120, 0.3719
Android (android.graphics.Color)	4292213715 (0xFFD5FBD3)
YUV	235.0780, -11.8705, -19.3624
Hunter-Lab	93.6047, -23.6497, 18.3400

# Details

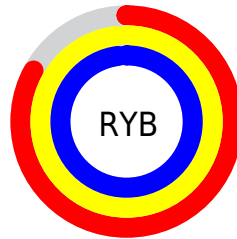
The CIELCh color **95, 24.705, 142.176** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **89, 24.767, 323.918**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 24.639, 141.878** is the 20% darker color. If you saturate the color by 10%, you get **93, 40.260, 141.454**, and if you desaturate by 10%, it is **97, 9.161, 142.811**.

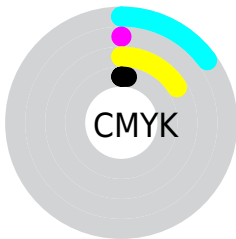
# Distribution



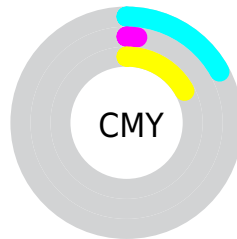
- Red (84%)
- Green (98%)
- Blue (83%)



- Red (83%)
- Yellow (98%)
- Blue (98%)



- Cyan (15%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)




- Cyan (17%)
- Magenta (2%)
- Yellow (17%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 24.705, 142.176 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, 24.705, 142.176 by changing the saturation by 10% instead.





 95, 24.705,  
142.176


 95, 24.705,  
142.176


 100, 24.705,  
142.176


 85, 24.705,  
142.176

 75, 24.705,  
142.176

 65, 24.705,  
142.176

 55, 24.705,  
142.176

 45, 24.705,  
142.176

 35, 24.705,  
142.176

 25, 24.705,

142.176

■ 15, 24.705,  
142.176

■ 5, 24.705, 142.176

■ 95, 24.705,  
142.176

■ 95, 24.705,  
142.176

■ 93, 40.260,  
141.454

■ 97, 9.161, 142.811

■ 91, 55.567,  
140.627

■ 99, 2.660, 324.418

■ 90, 70.292,  
139.702

■ 89, 83.999,  
138.707

■ 88, 96.145,  
137.712

■ 87, 106.092,  
136.829

■ 87, 113.203,  
136.202

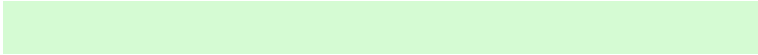
■ 87, 117.122,  
135.938

■ 86, 118.022,  
135.873

# Harmonies

# Complementary

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



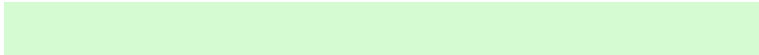
95, 24.705, 142.176



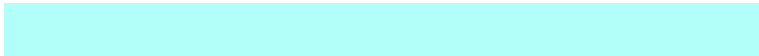
89, 24.767, 323.918

# Rectangle

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



95, 24.705, 142.176



95, 24.705, 192.176



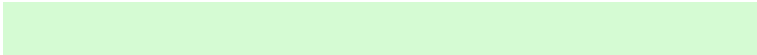
95, 24.705, 322.176



95, 24.705, 12.176

# Sweetspot

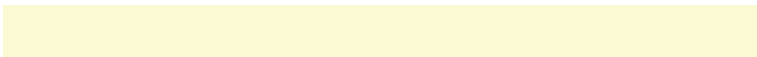
The Sweet Spot groups the original color and five complimentary colors.



95, 24.707, 142.176



99, 7.796, 142.871



97, 19.305, 106.482



53, 5.322, 142.826



0, 0.000, 0.000



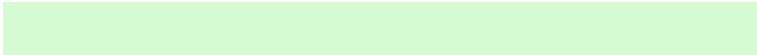
53, 0.007, 296.813



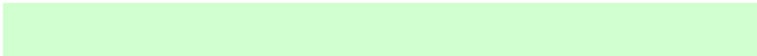


# Same Dimension

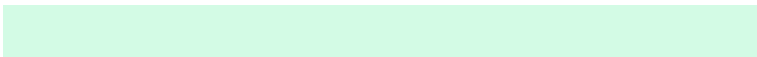
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 24.707, 142.176



96, 29.864, 141.966



95, 18.099, 159.738



51, 8.751, 142.593



67, 95.250, 135.815



22, 42.060, 136.340



# Inverse Universe

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



89, 24.767, 323.918



88, 29.940, 324.079



88, 18.391, 342.348



49, 8.771, 323.574



43, 92.399, 326.270

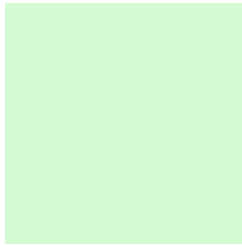


11, 41.788, 326.515



# Previews

## White Background



This preview shows how the CIE LCh color 95, 24.705, 142.176 looks on a white background.

## Color Contrast Check

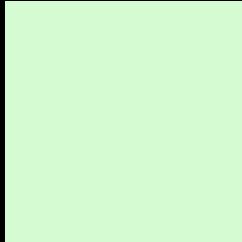
Large Text (above 18pt) WCAG AA × Fail

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, 24.705, 142.176 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

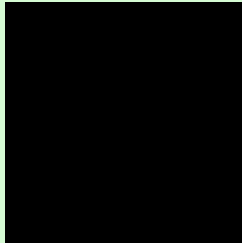
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

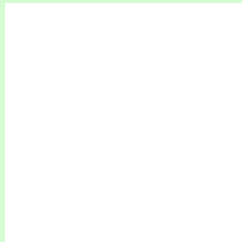
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 95, 24.705, 142.176

## Background



This preview shows how black text looks on a background with the CIELCh color 95, 24.705, 142.176.

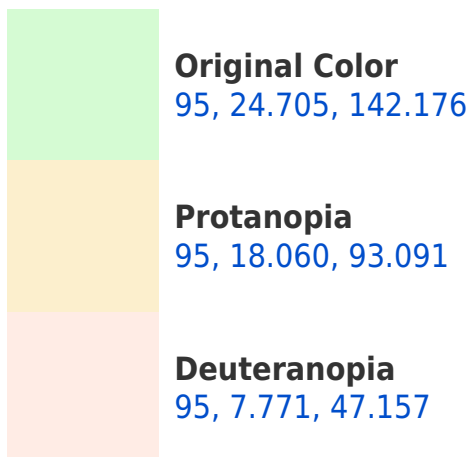


This preview shows how white text looks on a background with the CIELCh color 95, 24.705, 142.176.

# 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





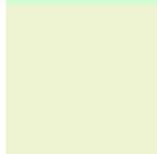


**Tritanopia**  
95, 8.117, 254.824

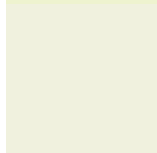
# Trichromacy



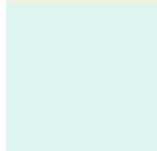
**Original Color**  
95, 24.705, 142.176



**Protanomaly**  
95, 18.480, 114.495



**Deuteranomaly**  
95, 9.732, 111.549

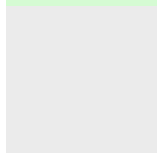


**Tritanomaly**  
95, 8.617, 177.927

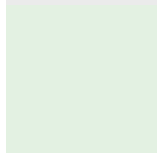
# Monochromacy



**Original Color**  
95, 24.705, 142.176



**Achromatopsia**  
93, 0.011, 296.813



**Achromatomaly**  
94, 9.231, 142.344

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 95, 24.705, 142.176 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(213, 251, 211)` looks like.

```
.text, #text, p{  
    color:rgb(213, 251, 211)  
}
```

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(213, 251, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 251, 211) }
```

## Border

The CSS property to change the border of an element to CIELCh 95, 24.705, 142.176 is called "border". The border property can be set on classes, ids or directly on the HTML element.

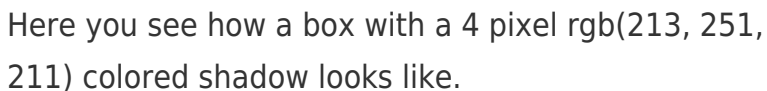
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 251, 211) }
```

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

```
.border{ border-color:rgb(213, 251, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 251, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 251, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 251, 211); box-shadow:4px 4px 4px 4px rgb(213, 251, 211) }
```

# Background

The CSS property to change the background color of an element to CIELCh 95, 24.705, 142.176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 251, 211) }
```

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

```
.background{ background-color: rgb(213,  
251, 211) }
```

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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