

Converting Colors

CIELCh(95, 12.064, 196.225)

Have a look what the booklet for
CIELCh(95, 12.064, 196.225)
contains.

CIELCh(95, 12.223, 196.251)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 12.223, 196.251)

Conversions

Conversions Part 1

Format	Color
Hex	D4F8F7
RGB	212, 248, 247
RGB Percent	83%, 97%, 97%
CMY	0.1697, 0.0285, 0.0325
CMYK	0.15, 0.00, 0.00, 0.03
HSL	178°, 71%, 90%
HSV	178°, 15%, 97%
XYZ	77.3001, 87.6183, 100.6088
YIQ	237.1220, -21.1350, -7.9430

Conversions

Conversions Part 2

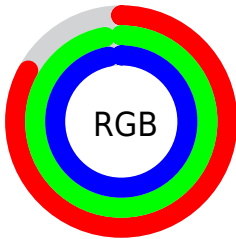
Format	Color
R _{YB}	212, 230, 248
Decimal	13957367
CIE Lab	95.00, -11.73, -3.42
CIE LCh	95, 12.223, 196.251
Yxy	87.6183, 0.2911, 0.3300
Android (android.graphics.Color)	4292147447 (0xFFD4F8F7)
YUV	237.1220, 4.8699, -22.0320
Hunter-Lab	93.6047, -16.4003, 1.7968

Details

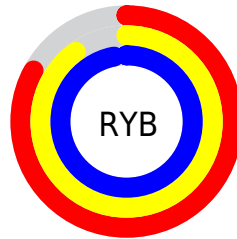
The CIELCh color `95, 12.223, 196.251` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `88, 13.367, 18.133`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 12.350, 195.967` is the 20% darker color. If you saturate the color by 10%, you get `94, 20.018, 195.637`, and if you desaturate by 10%, it is `97, 3.904, 196.967`.

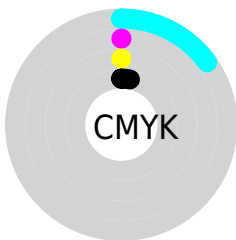
Distribution



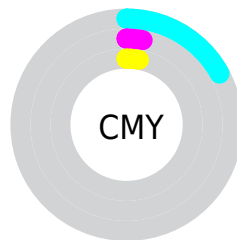
- Red (83%)
- Green (97%)
- Blue (97%)



- Red (83%)
- Yellow (90%)
- Blue (97%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)





- Cyan (17%)
- Magenta (3%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 12.223, 196.251 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, 12.223, 196.251 by changing the saturation by 10% instead.


 95, 12.223,
196.251


 95, 12.223,
196.251


 100, 12.223,
196.251


 85, 12.223,
196.251

 75, 12.223,
196.251

 65, 12.223,
196.251

 55, 12.223,
196.251

 45, 12.223,
196.251

 35, 12.223,
196.251

 25, 12.223,

196.251

■ 15, 12.223,
196.251

■ 5, 12.223, 196.251

■ 95, 12.223,
196.251

■ 95, 12.223,
196.251

■ 94, 20.018,
195.637

■ 97, 3.904, 196.967

■ 92, 27.143,
195.074

■ 98, 2.576, 15.047

■ 98, 2.628, 7.399

■ 91, 33.455,
194.548

■ 98, 2.726, 0.173

■ 90, 38.827,
194.057

■ 98, 2.863, 353.544

■ 98, 3.035, 347.597

■ 90, 43.159,
193.599

■ 98, 3.237, 342.341

■ 89, 46.403,
193.168

■ 98, 3.463, 337.740

■ 89, 48.573,
192.754

■ 98, 3.708, 333.727

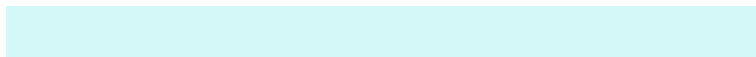
■ 89, 49.764,
192.347

■ 89, 50.126,
192.125

Harmonies

Complementary

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



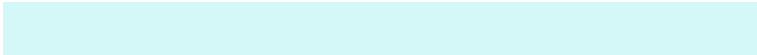
95, 12.223, 196.251



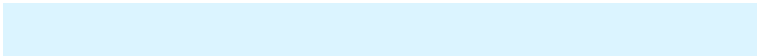
88, 13.367, 18.133

Rectangle

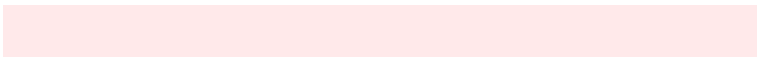
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



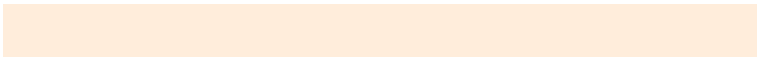
95, 12.223, 196.251



95, 12.223, 246.251



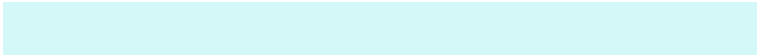
95, 12.223, 16.251



95, 12.223, 66.251

Sweetspot

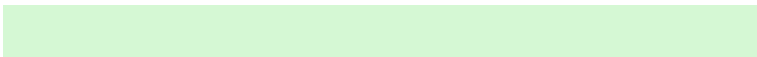
The Sweet Spot groups the original color and five complimentary colors.



95, 12.224, 196.243



99, 3.532, 197.021



94, 22.396, 142.703



53, 2.506, 196.945



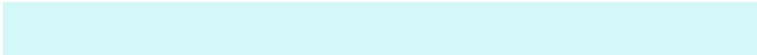
0, 0.000, 0.000



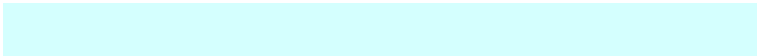
53, 0.007, 296.813

Same Dimension

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



95, 12.224, 196.243



97, 14.539, 196.087



91, 10.729, 253.697



51, 4.878, 196.575



69, 40.842, 192.194



23, 18.424, 192.712

Inverse Universe

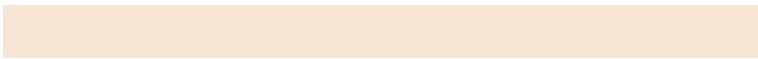
The Inverse Universe completely reimagines the original color for something new.



88, 13.367, 18.133



88, 16.160, 18.368



92, 11.224, 69.965



49, 5.166, 17.687



39, 82.155, 38.901



9, 31.992, 25.027

Previews

White Background



This preview shows how the CIE LCh color 95, 12.223, 196.251 looks on a white background.

Color Contrast Check

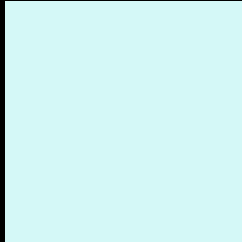
Large Text (above 18pt) WCAG AA × Fail

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, 12.223, 196.251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

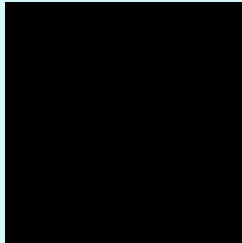
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

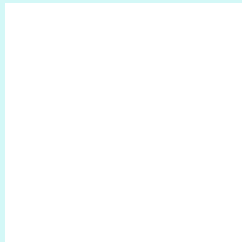
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 12.223, 196.251

Background



This preview shows how black text looks on a background with the CIELCh color 95, 12.223, 196.251.

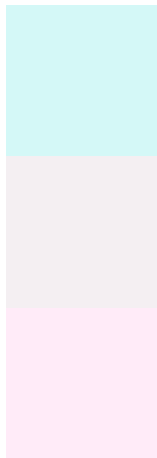


This preview shows how white text looks on a background with the CIELCh color 95, 12.223, 196.251.

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](#).

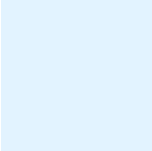
Dichromacy



Original Color
95, 12.223, 196.251

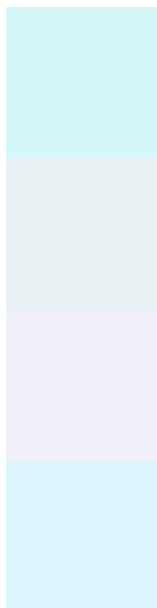
Protanopia
95, 2.364, 338.603

Deuteranopia
95, 9.757, 336.903



Tritanopia
95, 8.345, 246.963

Trichromacy



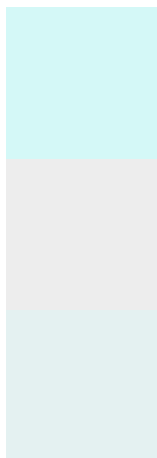
Original Color
95, 12.223, 196.251

Protanomaly
95, 3.611, 215.910

Deuteranomaly
95, 4.127, 285.681

Tritanomaly
95, 8.821, 223.118

Monochromacy



Original Color
95, 12.223, 196.251

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.528, 199.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 12.223, 196.251 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, 248, 247)` looks like.

```
.text, #text, p{  
    color:rgb(212, 248, 247)  
}
```

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, 248, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 248, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 12.223, 196.251 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, 248, 247) }
```

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

```
.border{ border-color:rgb(212, 248, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 248, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 248, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 248, 247);  
box-shadow:4px 4px 4px 4px rgb(212, 248,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 12.223, 196.251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 248, 247) }
```

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

```
.background{ background-color: rgb(212,  
248, 247) }
```

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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