Converting Colors

CIELCh(95, 14.083, 194.909)

Have a look what the booklet for CIELCh(95, 14.083, 194.909) contains.

Color

CIELCh(95, 14.212, 194.371)

Conversions

Conversions Part 1

Format	Color
Hex	CFF9F7
RGB	207, 249, 247
RGB Percent	81%, 98%, 97%
CMY	0.1888, 0.0241, 0.0319
CMYK	0.17, 0.00, 0.01, 0.02
HSL	177°, 77%, 89%
HSV	177°, 17%, 98%
XYZ	76.2945, 87.6183, 100.7745
YIQ	236.2140, -24.3900, -9.5260

Conversions

Conversions Part 2

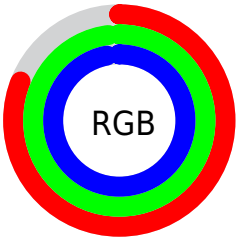
Format	Color
RYB	207, 229, 249
Decimal	13629943
CIELab	95.00, -13.77, -3.53
CIELCh	95, 14.212, 194.371
Yxy	87.6183, 0.2882, 0.3310
Android (android.graphics.Color)	4291820023 (0xFFCFF9F7)
YUV	236.2140, 5.3175, -25.6207
Hunter-Lab	93.6047, -18.3179, 1.6918

Details

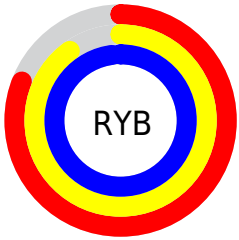
The CIELCh color 95, 14.212, 194.371 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 87, 15.718, 16.781, and the grayscale version is 93, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 75, 14.391, 193.997 is the 20% darker color. If you saturate the color by 10%, you get 94, 21.952, 193.703, and if you desaturate by 10%, it is 97, 5.933, 195.088.

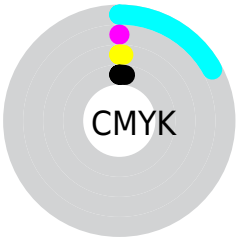
Distribution



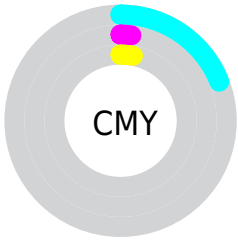
- Red (81%)
- Green (98%)
- Blue (97%)



- Red (81%)
- Yellow (90%)
- Blue (98%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (19%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 14.212, 194.371 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, 14.212, 194.371 by changing the saturation by 10% instead.

95, 14.212, 194.371

100, 14.212, 194.371

95, 14.212, 194.371

85, 14.212, 194.371

75, 14.212, 194.371

65, 14.212, 194.371

55, 14.212, 194.371

45, 14.212, 194.371

35, 14.212, 194.371

25, 14.212,

194.371

15, 14.212, 194.371

5, 14.212, 194.371

95, 14.212, 194.371

94, 21.952, 193.703

92, 29.004, 193.069

91, 35.225, 192.454

90, 40.487, 191.853

95, 14.212, 194.371

97, 5.933, 195.088

98, 2.172, 14.266

98, 2.310, 359.197

98, 2.586, 346.594

98, 2.962, 336.806

98, 3.404, 329.396

90, 44.699, 191.260

98, 3.819, 324.494

89, 47.819, 190.664

89, 49.875, 190.052

89, 50.985, 189.411

89, 51.224, 189.208

Harmonies

Complementary

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

95, 14.212, 194.371

87, 15.718, 16.781

Rectangle

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

95, 14.212, 194.371

95, 14.212, 244.371

95, 14.212, 14.371

95, 14.212, 64.371

Sweetspot

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

95, 14.213, 194.364

99, 4.417, 195.253

94, 25.990, 142.113

53, 3.009, 195.188

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, 14.213, 194.364

97, 17.027, 194.152

90, 12.330, 252.099

51, 4.893, 194.884

69, 41.576, 189.323

23, 18.706, 190.182

Inverse Universe

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

87, 15.718, 16.781

86, 19.216, 17.107

91, 13.068, 67.838

49, 5.171, 16.084

39, 81.360, 38.159

9, 31.854, 24.227

Previews

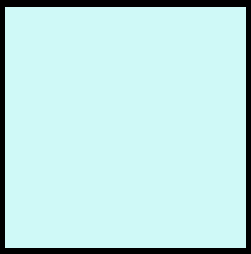
White Background

This preview shows how the CIELCh color 95, 14.212, 194.371 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



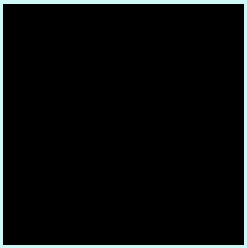
This preview shows how the CIELCh color 95, 14.212, 194.371 looks on a black background.

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, 14.212, 194.371 Background



This preview shows how black text looks on a background with the CIELCh color 95, 14.212, 194.371.

This preview shows how white text looks on a background with the CIELCh color 95, 14.212, 194.371.

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, 14.212, 194.371

Protanopia
95, 2.061, 349.347

Deuteranopia
95, 10.371, 336.210

Tritanopia
95, 8.804, 243.748

Trichromacy

Original Color
95, 14.212, 194.371

Protanomaly
95, 4.521, 199.249

Deuteranomaly
95, 4.676, 282.017

Tritanomaly
95, 9.727, 220.696

Monochromacy

Original Color
95, 14.212, 194.371

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 5.599, 193.864

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 14.212, 194.371 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(207, 249, 247) looks like.

```
.text, #text, p{
    color:rgb(207, 249, 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(207, 249, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 249, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 14.212, 194.371 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(207, 249, 247) }
```

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

```
.border{ border-color:rgb(207, 249, 247) }
```

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

Here you see how a box with a 4 pixel rgb(207, 249, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 249, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 249, 247); box-shadow:4px 4px 4px 4px rgb(207, 249, 247) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 14.212, 194.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(207, 249, 247) }
```

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

```
.background{ background-color:rgb(207,
249, 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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