Converting Colors

CIELCh(97, 14.667, 198.528)

Have a look what the booklet for CIELCh(97, 14.667, 198.528) contains.

Color

CIELCh(97, 14.683, 198.527)

Conversions

Conversions Part 1

Format	Color
Hex	D3FFFF
RGB	211, 255, 255
RGB Percent	83%, 100%, 100%
CMY	0.1732, 0.0007, 0.0007
CMYK	0.17, 0.00, 0.00, 0.00
HSL	180°, 99%, 91%
HSV	180°, 17%, 100%
XYZ	80.5409, 92.4403, 108.0573
YIQ	241.8440, -26.2240, -9.3280

Conversions

Conversions Part 2

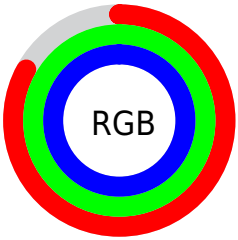
Format	Color
RYB	211, 233, 255
Decimal	13893631
CIELab	97.00, -13.92, -4.67
CIELCh	97, 14.683, 198.527
Yxy	92.4403, 0.2866, 0.3289
Android (android.graphics.Color)	4292083711 (0xFFD3FFFF)
YUV	241.8440, 6.4859, -27.0502
Hunter-Lab	96.1459, -18.7268, 0.6668

Details

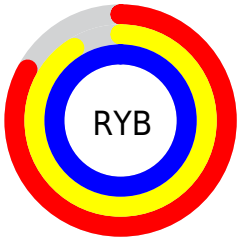
The CIELCh color 97, 14.683, 198.527 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 88, 16.447, 20.590, and the grayscale version is 95, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 77, 14.529, 198.341 is the 20% darker color. If you saturate the color by 10%, you get 96, 22.410, 198.029, and if you desaturate by 10%, it is 99, 6.352, 199.101.

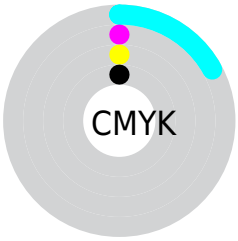
Distribution



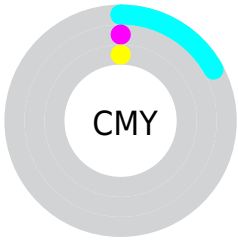
- Red (83%)
- Green (100%)
- Blue (100%)



- Red (83%)
- Yellow (91%)
- Blue (100%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 14.683, 198.527 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 97, 14.683, 198.527 by changing the saturation by 10% instead.

97, 14.683, 198.527

100, 14.683, 198.527

97, 14.683, 198.527

87, 14.683, 198.527

77, 14.683, 198.527

67, 14.683, 198.527

57, 14.683, 198.527

47, 14.683, 198.527

37, 14.683, 198.527

27, 14.683,

198.527

17, 14.683, 198.527

7, 14.683, 198.527

97, 14.683, 198.527

96, 22.410, 198.029

94, 29.382, 197.599

93, 35.461, 197.233

93, 40.526, 196.932

97, 14.683, 198.527

99, 6.352, 199.101

100, 0.062, 8.444

100, 0.062, 7.556

100, 0.063, 6.675

100, 0.063, 5.799

100, 0.063, 4.931

92, 44.497, 196.700

91, 47.348, 196.534

91, 49.122, 196.431

91, 49.953, 196.383

91, 50.093, 196.374

100, 0.063, 4.069

100, 0.064, 3.215

100, 0.064, 2.369

Harmonies

Complementary

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

97, 14.683, 198.527

88, 16.447, 20.590

Rectangle

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

97, 14.683, 198.527

97, 14.683, 248.527

97, 14.683, 18.527

97, 14.683, 68.527

Sweetspot

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

97, 14.684, 198.520

99, 4.397, 199.271

96, 27.406, 142.936

53, 2.995, 199.214

0, 0.000, 0.000

53, 0.007, 296.813

Same Dimension

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

97, 14.684, 198.520

97, 17.658, 198.329

92, 13.186, 256.025

52, 4.945, 198.956

70, 40.367, 196.375

24, 18.571, 196.376

Inverse Universe

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

88, 16.447, 20.590

86, 20.312, 20.943

93, 13.862, 71.463

49, 5.254, 19.937

40, 84.226, 39.997

10, 33.367, 27.173

Previews

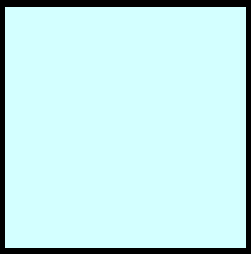
White Background

This preview shows how the CIELCh color 97, 14.683, 198.527 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



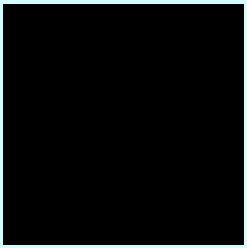
This preview shows how the CIELCh color 97, 14.683, 198.527 looks on a black background.

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 97, 14.683, 198.527 Background



This preview shows how black text looks on a background with the CIELCh color 97, 14.683, 198.527.

This preview shows how white text looks on a background with the CIELCh color 97, 14.683, 198.527.

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
97, 14.683, 198.527

Protanopia
97, 2.503, 324.409

Deuteranopia
97, 6.894, 331.898

Tritanopia
97, 5.403, 240.891

Trichromacy

Original Color
97, 14.683, 198.527

Protanomaly
97, 4.916, 211.258

Deuteranomaly
97, 4.095, 248.072

Tritanomaly
97, 8.166, 217.316

Monochromacy

Original Color
97, 14.683, 198.527

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 5.532, 199.163

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 14.683, 198.527 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(211, 255, 255) looks like.

```
.text, #text, p{
    color:rgb(211, 255, 255)
}
```

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(211, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 14.683, 198.527 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(211, 255, 255) }
```

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

```
.border{ border-color:rgb(211, 255, 255) }
```

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

Here you see how a box with a 4 pixel rgb(211, 255, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 255, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 255, 255); box-shadow:4px 4px 4px 4px rgb(211, 255, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 14.683, 198.527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(211, 255, 255) }
```

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

```
.background{ background-color:rgb(211,
255, 255) }
```

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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