Converting Colors

CIELCh(93, 16.454, 189.674)

Have a look what the booklet for CIELCh(93, 16.454, 189.674) contains.

Color

CIELCh(93, 16.341, 191.078)

Conversions

Conversions Part 1

Format	Color
Hex	C4F4F0
RGB	196, 244, 240
RGB Percent	77%, 96%, 94%
CMY	0.2302, 0.0419, 0.0576
CMYK	0.20, 0.00, 0.02, 0.04
HSL	175°, 69%, 86%
HSV	175°, 20%, 96%
XYZ	71.0553, 82.9670, 94.9410
YIQ	229.1920, -27.3240, -11.4200

Conversions

Conversions Part 2

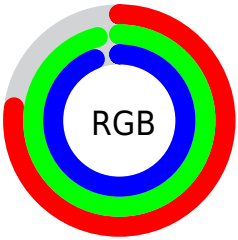
Format	Color
RYB	196, 221, 244
Decimal	12907760
CIELab	93.00, -16.04, -3.14
CIELCh	93, 16.341, 191.078
Yxy	82.9670, 0.2854, 0.3333
Android (android.graphics.Color)	4291097840 (0xFFC4F4F0)
YUV	229.1920, 5.3283, -29.1094
Hunter-Lab	91.0862, -20.1552, 1.9612

Details

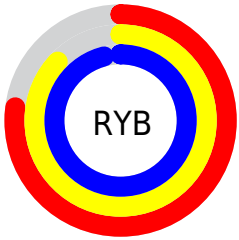
The CIELCh color 93, 16.341, 191.078 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 83, 18.230, 14.253, and the grayscale version is 91, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.695, 200.315, and 73, 16.581, 190.547 is the 20% darker color. If you saturate the color by 10%, you get 92, 23.931, 190.309, and if you desaturate by 10%, it is 95, 8.217, 191.858.

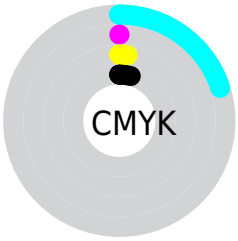
Distribution



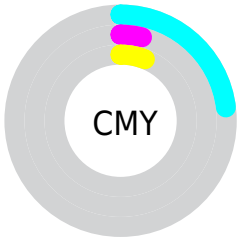
- Red (77%)
- Green (96%)
- Blue (94%)



- Red (77%)
- Yellow (87%)
- Blue (96%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (23%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 16.341, 191.078 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 93, 16.341, 191.078 by changing the saturation by 10% instead.

93, 16.341, 191.078

100, 16.341, 191.078

93, 16.341, 191.078

83, 16.341, 191.078

73, 16.341, 191.078

63, 16.341, 191.078

53, 16.341, 191.078

43, 16.341, 191.078

33, 16.341, 191.078

23, 16.341,

191.078

13, 16.341, 191.078

3, 16.341, 191.078

93, 16.341, 191.078

92, 23.931, 190.309

90, 30.837, 189.545

89, 36.919, 188.770

89, 42.053, 187.972

93, 16.341, 191.078

95, 8.217, 191.858

96, 0.305, 10.468

97, 3.945, 3.691

97, 4.348, 350.427

97, 4.941, 339.889

97, 5.667, 331.840

88, 46.152, 187.140

88, 49.186, 186.255

87, 51.197, 185.300

87, 52.373, 184.273

87, 52.409, 184.237

97, 6.479, 325.728

97, 6.660, 324.627

Harmonies

Complementary

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

93, 16.341, 191.078

83, 18.230, 14.253

Rectangle

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

93, 16.341, 191.078

93, 16.341, 241.078

93, 16.341, 11.078

93, 16.341, 61.078

Sweetspot

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

93, 16.342, 191.073

99, 5.326, 192.174

92, 29.360, 140.614

53, 3.528, 192.114

0, 0.000, 0.000

53, 0.007, 296.813

Same Dimension

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

93, 16.342, 191.073

96, 20.409, 190.736

88, 13.667, 246.380

50, 4.848, 191.871

68, 42.670, 184.424

21, 18.752, 185.901

Inverse Universe

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

83, 18.230, 14.253

84, 23.385, 14.770

88, 14.884, 61.862

48, 5.102, 13.205

39, 79.060, 36.675

8, 30.525, 21.643

Previews

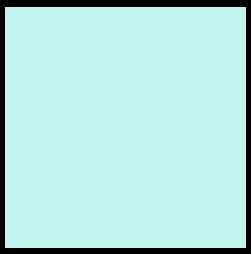
White Background

This preview shows how the CIELCh color 93, 16.341, 191.078 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



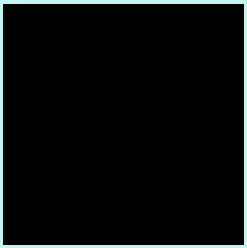
This preview shows how the CIELCh color 93, 16.341, 191.078 looks on a black background.

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 93, 16.341, 191.078 Background



This preview shows how black text looks on a background with the CIELCh color 93, 16.341, 191.078.

This preview shows how white text looks on a background with the CIELCh color 93, 16.341, 191.078.

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
93, 16.341, 191.078

Protanopia
93, 1.862, 3.128

Deuteranopia
93, 12.765, 336.925

Tritanopia
93, 12.960, 235.711

Trichromacy

Original Color
93, 16.341, 191.078

Protanomaly
93, 4.930, 193.183

Deuteranomaly
93, 5.179, 286.745

Tritanomaly
93, 13.217, 216.955

Monochromacy

Original Color
93, 16.341, 191.078

Achromatopsia
91, 0.011, 296.813

Achromatomaly
92, 6.391, 189.736

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 16.341, 191.078 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(196, 244, 240) looks like.

```
.text, #text, p{
    color:rgb(196, 244, 240)
}
```

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(196, 244, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 244, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 16.341, 191.078 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(196, 244, 240) }
```

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

```
.border{ border-color:rgb(196, 244, 240) }
```

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

Here you see how a box with a 4 pixel rgb(196, 244, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 244, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 244, 240); box-shadow:4px 4px 4px 4px rgb(196, 244, 240) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 16.341, 191.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(196, 244, 240) }
```

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

```
.background{ background-color:rgb(196,
244, 240) }
```

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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