

Converting Colors

CIELCh(94, 8.920, 203.550)

Have a look what the booklet for
CIELCh(94, 8.920, 203.550) contains.

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Color

CIELCh(94, 8.910, 202.220)

Conversions

Conversions Part 1

Format	Color
Hex	D9F3F4
RGB	217, 243, 244
RGB Percent	85%, 95%, 96%
CMY	0.1495, 0.0476, 0.0437
CMYK	0.11, 0.00, 0.00, 0.04
HSL	182°, 55%, 90%
HSV	182°, 11%, 96%
XYZ	76.8913, 85.2715, 97.8832
YIQ	235.3400, -15.8170, -5.2010

Conversions

Conversions Part 2

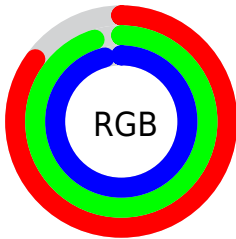
Format	Color
R_{YB}	217, 230, 244
Decimal	14283764
CIE _{Lab}	94.00, -8.25, -3.37
CIE _{LCh}	94, 8.910, 202.220
Yxy	85.2715, 0.2957, 0.3279
Android (android.graphics.Color)	4292473844 (0xFFD9F3F4)
YUV	235.3400, 4.2694, -16.0842
Hunter-Lab	92.3426, -12.9671, 1.7924

Details

The CIELCh color `94, 8.910, 202.220` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `89, 9.575, 23.115`, 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 `74, 8.934, 202.245` is the 20% darker color. If you saturate the color by 10%, you get `92, 16.453, 201.817`, and if you desaturate by 10%, it is `96, 0.882, 203.280`.

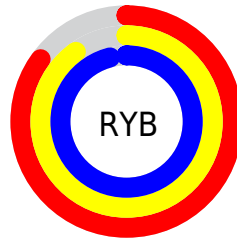
Distribution



Red (85%)

Green (95%)

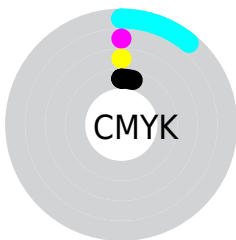
Blue (96%)



Red (85%)

Yellow (90%)

Blue (96%)

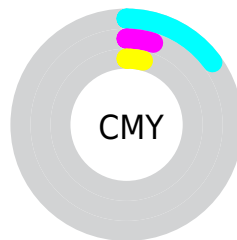


Cyan (11%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (15%)

Magenta (5%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.910, 202.220 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 94, 8.910, 202.220 by changing the saturation by 10% instead.

94, 8.910, 202.220

94, 8.910, 202.220

100, 8.910,
202.220

84, 8.910, 202.220

74, 8.910, 202.220

64, 8.910, 202.220

54, 8.910, 202.220

44, 8.910, 202.220

34, 8.910, 202.220

24, 8.910, 202.220

14, 8.910, 202.220

4, 8.910, 202.220

94, 8.910, 202.220

94, 8.910, 202.220

92, 16.453,
201.817

96, 0.882, 203.280

91, 23.375,
201.518

97, 3.688, 25.842

97, 3.451, 33.985

89, 29.541,
201.309

98, 3.293, 43.108

88, 34.821,
201.202

98, 3.227, 52.866

98, 3.256, 62.731

87, 39.110,
201.208

98, 3.379, 72.140

86, 42.341,
201.342

99, 3.586, 80.670

99, 3.862, 88.119

86, 44.504,
201.612

85, 45.661,
202.025

■ 85, 46.029,
202.500

Harmonies

Complementary

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



94, 8.910, 202.220



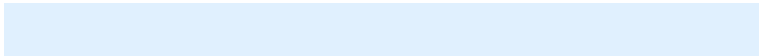
89, 9.575, 23.115

Rectangle

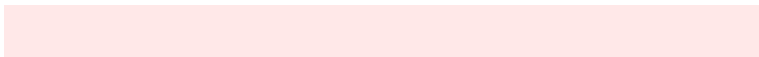
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



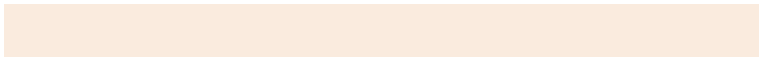
94, 8.910, 202.220



94, 8.910, 252.220



94, 8.910, 22.220



94, 8.910, 72.220

Sweetspot

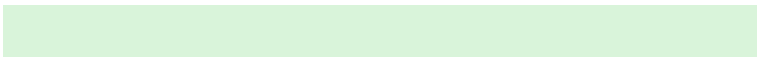
The Sweet Spot groups the original color and five complimentary colors.



94, 8.911, 202.208



99, 2.554, 202.727



94, 16.618, 144.688



53, 1.933, 202.638



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 8.911, 202.208



97, 10.791, 202.122



91, 8.545, 260.487



50, 4.608, 202.282



66, 37.615, 202.393



21, 16.829, 201.559

Inverse Universe

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



89, 16.601, 326.044



92, 20.233, 326.157



92, 8.727, 77.503



48, 8.542, 325.952



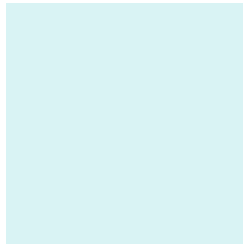
44, 88.627, 329.756



11, 39.556, 329.547

Previews

White Background



This preview shows how the CIELCh color 94, 8.910, 202.220 looks on a white background.

Color Contrast Check

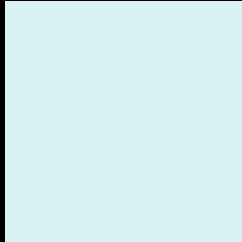
Large Text (above 18pt) WCAG AA × Fail

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 94, 8.910, 202.220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

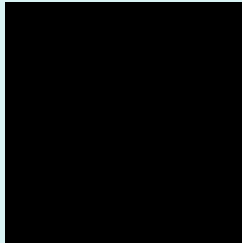
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

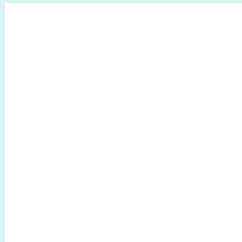
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.910, 202.220

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.910, 202.220.

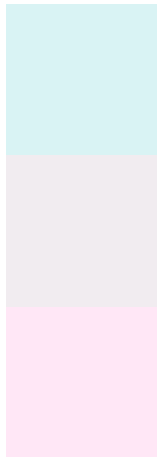


This preview shows how white text looks on a background with the CIELCh color 94, 8.910, 202.220.

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

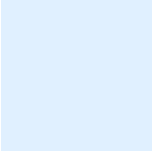
94, 8.910, 202.220

Protanopia

94, 2.737, 330.528

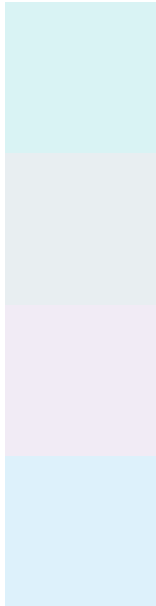
Deuteranopia

94, 11.519, 338.149



Tritanopia
94, 9.327, 255.313

Trichromacy



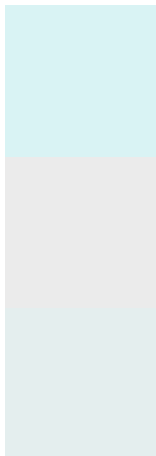
Original Color
94, 8.910, 202.220

Protanomaly
94, 2.589, 236.225

Deuteranomaly
94, 5.598, 312.622

Tritanomaly
94, 8.428, 236.869

Monochromacy



Original Color
94, 8.910, 202.220

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.500, 199.351

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.910, 202.220 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(217, 243, 244)` looks like.

```
.text, #text, p{  
    color:rgb(217, 243, 244)  
}
```

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(217, 243, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 243, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.910, 202.220 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(217, 243, 244) }
```

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

```
.border{ border-color:rgb(217, 243, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 243, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 243, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 243, 244);  
box-shadow:4px 4px 4px 4px rgb(217, 243,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.910, 202.220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 243, 244) }
```

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

```
.background{ background-color: rgb(217,  
243, 244) }
```

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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