

Converting Colors

CIELCh(94, 8.086, 200.502)

Have a look what the booklet for
CIELCh(94, 8.086, 200.502) contains.

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Color

CIELCh(94, 7.916, 202.710)

Conversions

Conversions Part 1

Format	Color
Hex	DBF2F3
RGB	219, 242, 243
RGB Percent	86%, 95%, 95%
CMY	0.1400, 0.0498, 0.0459
CMYK	0.10, 0.00, 0.00, 0.05
HSL	182°, 51%, 91%
HSV	182°, 10%, 95%
XYZ	77.3607, 85.2715, 97.4073
YIQ	235.2370, -14.0290, -4.5650

Conversions

Conversions Part 2

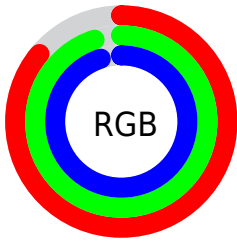
Format	Color
R _Y B	219, 231, 243
Decimal	14414579
CIE Lab	94.00, -7.30, -3.06
CIE LCh	94, 7.916, 202.710
Yxy	85.2715, 0.2975, 0.3279
Android (android.graphics.Color)	4292604659 (0xFFDBF2F3)
YUV	235.2370, 3.8272, -14.2398
Hunter-Lab	92.3426, -12.0598, 2.0979

Details

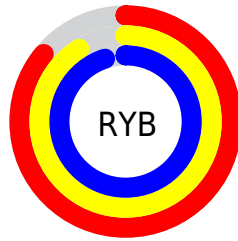
The CIELCh color `94, 7.916, 202.710` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `90, 8.439, 23.432`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 7.906, 202.785` is the 20% darker color. If you saturate the color by 10%, you get `92, 15.475, 202.310`, and if you desaturate by 10%, it is `96, 0.111, 17.204`.

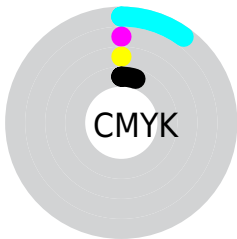
Distribution



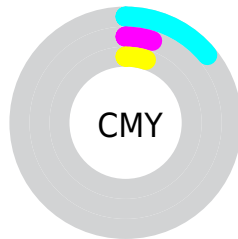
- Red (86%)
- Green (95%)
- Blue (95%)



- Red (86%)
- Yellow (91%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (14%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 7.916, 202.710 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, 7.916, 202.710 by changing the saturation by 10% instead.

■ 94, 7.916, 202.710

■ 94, 7.916, 202.710

■ 100, 7.916,
202.710

■ 84, 7.916, 202.710

■ 74, 7.916, 202.710

■ 64, 7.916, 202.710

■ 54, 7.916, 202.710

■ 44, 7.916, 202.710

■ 34, 7.916, 202.710

■ 24, 7.916, 202.710

■ 14, 7.916, 202.710

■ 4, 7.916, 202.710

94, 7.916, 202.710

94, 7.916, 202.710

92, 15.475,
202.310

96, 0.111, 17.204

91, 22.434,
202.022

97, 3.827, 27.315

97, 3.579, 36.253

89, 28.656,
201.828

98, 3.431, 46.229

88, 34.012,
201.738

98, 3.394, 56.748

98, 3.472, 67.133

87, 38.393,
201.768

98, 3.658, 76.752

86, 41.725,
201.931

99, 3.936, 85.221

99, 4.287, 92.431

85, 43.990,
202.239

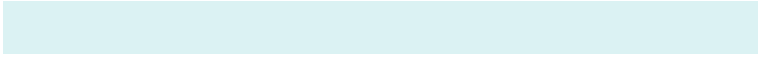
85, 45.241,
202.701

■ 84, 45.675,
203.304

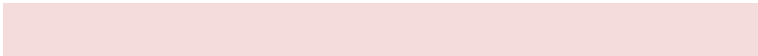
Harmonies

Complementary

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



94, 7.916, 202.710



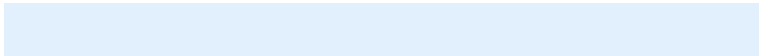
90, 8.439, 23.432

Rectangle

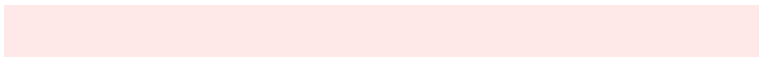
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



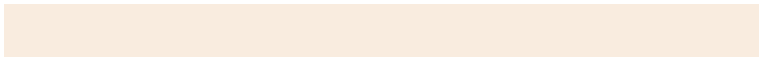
94, 7.916, 202.710



94, 7.916, 252.710



94, 7.916, 22.710



94, 7.916, 72.710

Sweetspot

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



94, 7.917, 202.696



99, 2.543, 203.148



94, 14.772, 144.769



53, 1.924, 203.060



0, 0.000, 0.000



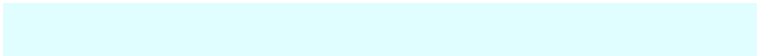
53, 0.007, 296.813

Same Dimension

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



94, 7.917, 202.696



98, 9.944, 202.601



91, 7.604, 260.316



50, 4.588, 202.713



66, 37.397, 203.191



21, 16.743, 202.242

Inverse Universe

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



90, 14.712, 326.103



93, 18.609, 326.229



93, 7.744, 77.651



48, 8.515, 326.081



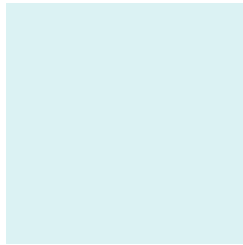
44, 88.306, 329.955



11, 39.432, 329.718

Previews

White Background



This preview shows how the CIELCh color 94, 7.916, 202.710 looks on a white background.

Color Contrast Check

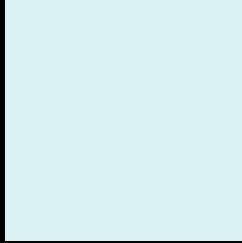
Large Text (above 18pt) WCAG AA × Fail

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, 7.916, 202.710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

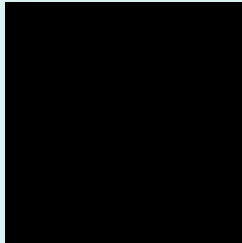
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

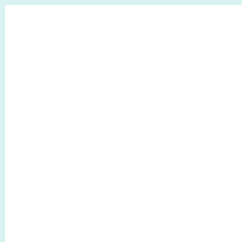
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 7.916, 202.710

Background



This preview shows how black text looks on a background with the CIELCh color 94, 7.916, 202.710.



This preview shows how white text looks on a background with the CIELCh color 94, 7.916, 202.710.

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](#).

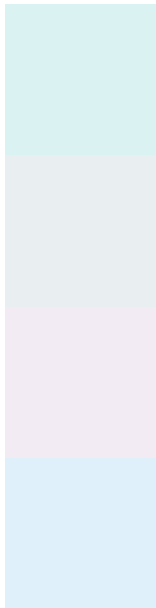
Dichromacy





Tritanopia
94, 9.414, 260.592

Trichromacy



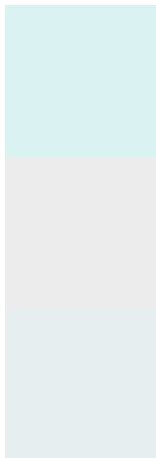
Original Color
94, 7.916, 202.710

Protanomaly
94, 2.320, 241.401

Deuteranomaly
94, 5.283, 318.259

Tritanomaly
94, 8.006, 244.347

Monochromacy



Original Color
94, 7.916, 202.710

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 2.841, 209.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 7.916, 202.710 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(219, 242, 243)` looks like.

```
.text, #text, p{  
    color:rgb(219, 242, 243)  
}
```

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(219, 242, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 242, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 7.916, 202.710 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(219, 242, 243) }
```

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

```
.border{ border-color:rgb(219, 242, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 242, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 242, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 242, 243);  
box-shadow:4px 4px 4px 4px rgb(219, 242,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 7.916, 202.710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 242, 243) }
```

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

```
.background{ background-color: rgb(219,  
242, 243) }
```

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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