

Converting Colors

CIELCh(94, 9.799, 202.447)

Have a look what the booklet for
CIELCh(94, 9.799, 202.447) contains.

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Color

CIELCh(94, 9.585, 205.045)

Conversions

Conversions Part 1

Format	Color
Hex	D7F3F5
RGB	215, 243, 245
RGB Percent	84%, 95%, 96%
CMY	0.1562, 0.0464, 0.0386
CMYK	0.12, 0.01, 0.00, 0.04
HSL	184°, 60%, 90%
HSV	184°, 12%, 96%
XYZ	76.6759, 85.2715, 98.9339
YIQ	234.8560, -17.3300, -5.3140

Conversions

Conversions Part 2

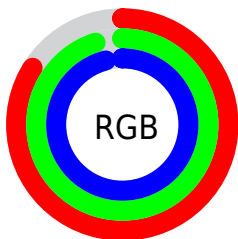
Format	Color
R _Y B	215, 229, 245
Decimal	14152693
CIE Lab	94.00, -8.68, -4.06
CIE LCh	94, 9.585, 205.045
Yxy	85.2715, 0.2939, 0.3269
Android (android.graphics.Color)	4292342773 (0xFFD7F3F5)
YUV	234.8560, 5.0010, -17.4137
Hunter-Lab	92.3426, -13.3835, 1.1178

Details

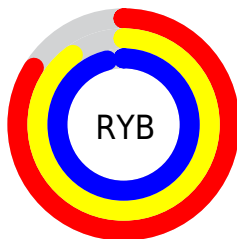
The CIELCh color **94, 9.585, 205.045** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 10.390, 25.789**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 9.627, 205.194** is the 20% darker color. If you saturate the color by 10%, you get **92, 16.881, 204.785**, and if you desaturate by 10%, it is **96, 1.798, 205.620**.

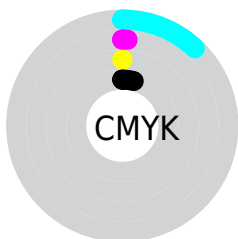
Distribution



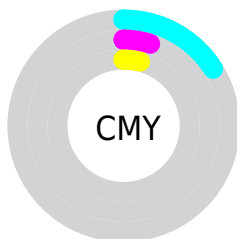
- Red (84%)
- Green (95%)
- Blue (96%)



- Red (84%)
- Yellow (90%)
- Blue (96%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (5%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.585, 205.045 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, 9.585, 205.045 by changing the saturation by 10% instead.

 94, 9.585, 205.045

 94, 9.585, 205.045

 100, 9.585,
205.045

 84, 9.585, 205.045

 74, 9.585, 205.045

 64, 9.585, 205.045

 54, 9.585, 205.045

 44, 9.585, 205.045

 34, 9.585, 205.045

 24, 9.585, 205.045

 14, 9.585, 205.045

 4, 9.585, 205.045

94, 9.585, 205.045

94, 9.585, 205.045

92, 16.881,
204.785

96, 1.798, 205.620

90, 23.552,
204.648

98, 3.097, 31.401

89, 29.467,
204.631

98, 2.850, 50.432

87, 34.498,
204.751

99, 3.370, 87.189

86, 38.540,
205.034

99, 4.004, 99.448

85, 41.530,
205.503

100, 4.770,
108.053

84, 43.461,
206.180

100, 4.976,
109.791

84, 44.404,
207.084

■ 83, 44.617,
207.924

Harmonies

Complementary

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



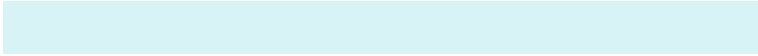
94, 9.585, 205.045



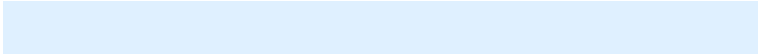
89, 10.390, 25.789

Rectangle

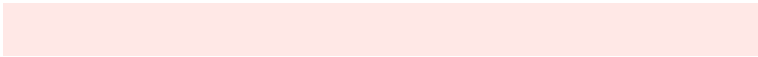
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



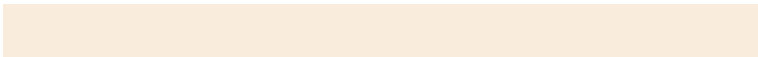
94, 9.585, 205.045



94, 9.585, 255.045



94, 9.585, 25.045



94, 9.585, 75.045

Sweetspot

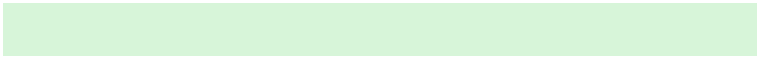
The Sweet Spot groups the original color and five complimentary colors.



94, 9.586, 205.033



99, 3.304, 205.405



94, 18.253, 145.069



53, 2.344, 205.349



0, 0.000, 0.000



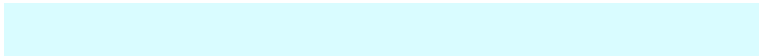
53, 0.007, 296.813

Same Dimension

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



94, 9.586, 205.033



97, 12.032, 204.952



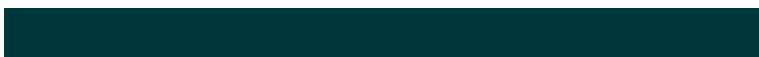
90, 9.633, 262.356



50, 4.480, 205.126



65, 36.329, 207.711



20, 16.309, 206.088

Inverse Universe

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



89, 18.072, 326.962



91, 22.897, 327.126



93, 9.835, 79.039



48, 8.370, 326.799



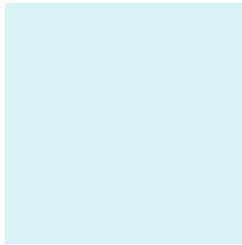
44, 86.585, 331.072



11, 38.764, 330.673

Previews

White Background



This preview shows how the CIELCh color 94, 9.585, 205.045 looks on a white background.

Color Contrast Check

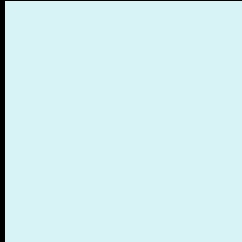
Large Text (above 18pt) WCAG AA × Fail

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, 9.585, 205.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

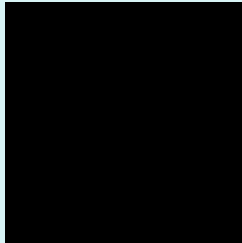
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

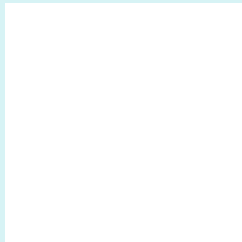
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 9.585, 205.045

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.585, 205.045.



This preview shows how white text looks on a background with the CIELCh color 94, 9.585, 205.045.

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](#).

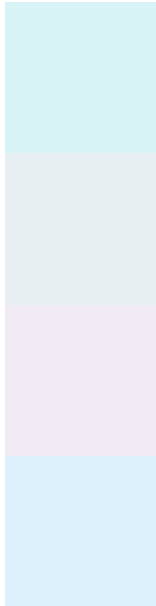
Dichromacy





Tritanopia
94, 9.516, 253.652

Trichromacy



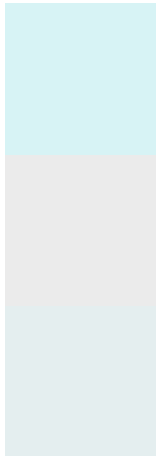
Original Color
94, 9.585, 205.045

Protanomaly
94, 3.438, 236.279

Deuteranomaly
94, 6.078, 310.805

Tritanomaly
94, 8.692, 235.520

Monochromacy



Original Color
94, 9.585, 205.045

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.525, 207.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.585, 205.045 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(215, 243, 245)` looks like.

```
.text, #text, p{  
    color:rgb(215, 243, 245)  
}
```

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(215, 243, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 243, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.585, 205.045 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(215, 243, 245) }
```

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

```
.border{ border-color:rgb(215, 243, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 243, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 243, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 243, 245);  
box-shadow:4px 4px 4px 4px rgb(215, 243,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.585, 205.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 243, 245) }
```

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

```
.background{ background-color: rgb(215,  
243, 245) }
```

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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