

Converting Colors

CIELCh(94, 10.584, 206.166)

Have a look what the booklet for
CIELCh(94, 10.584, 206.166)
contains.

CIELCh(94, 10.559, 204.404)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(94, 10.559, 204.404)

Conversions

Conversions Part 1

Format	Color
Hex	D5F4F6
RGB	213, 244, 246
RGB Percent	84%, 96%, 96%
CMY	0.1658, 0.0442, 0.0364
CMYK	0.13, 0.01, 0.00, 0.04
HSL	184°, 64%, 90%
HSV	184°, 13%, 96%
XYZ	76.2164, 85.2715, 99.4020
YIQ	234.9590, -19.1180, -5.9500

Conversions

Conversions Part 2

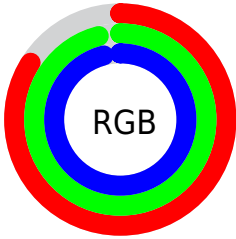
Format	Color
R _{YB}	213, 229, 246
Decimal	14021878
CIE Lab	94.00, -9.62, -4.36
CIE LCh	94, 10.559, 204.404
Yxy	85.2715, 0.2921, 0.3268
Android (android.graphics.Color)	4292211958 (0xFFD5F4F6)
YUV	234.9590, 5.4432, -19.2580
Hunter-Lab	92.3426, -14.2718, 0.8172

Details

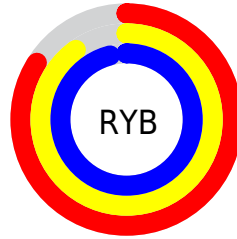
The CIELCh color `94, 10.559, 204.404` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `88, 11.540, 25.319`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 10.628, 204.500` is the 20% darker color. If you saturate the color by 10%, you get `92, 17.842, 204.131`, and if you desaturate by 10%, it is `96, 2.766, 204.877`.

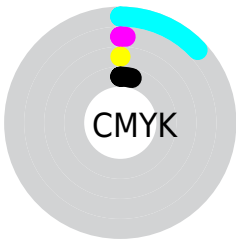
Distribution



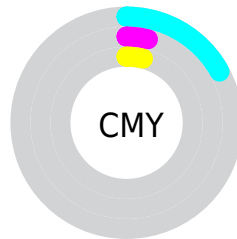
- Red (84%)
- Green (96%)
- Blue (96%)



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



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)





- Cyan (17%)
- Magenta (4%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 10.559, 204.404 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, 10.559, 204.404 by changing the saturation by 10% instead.

 94, 10.559,
204.404


 94, 10.559,
204.404

 100, 10.559,
204.404


 84, 10.559,
204.404


 74, 10.559,
204.404

 64, 10.559,
204.404

 54, 10.559,
204.404

 44, 10.559,
204.404

 34, 10.559,
204.404

 24, 10.559,

204.404

■ 14, 10.559,
204.404

■ 4, 10.559, 204.404

■ 94, 10.559,
204.404

■ 94, 10.559,
204.404

■ 92, 17.842,
204.131

■ 96, 2.766, 204.877

■ 90, 24.481,
203.975

■ 98, 2.976, 28.993

■ 98, 2.705, 46.878

■ 89, 30.341,
203.934

■ 98, 2.736, 66.374

■ 88, 35.298,
204.026

■ 99, 3.059, 83.519

■ 99, 3.595, 96.462

■ 86, 39.250,
204.273

■ 100, 4.264,
105.688

■ 86, 42.139,
204.696

■ 100, 4.696,
109.811

■ 85, 43.970,
205.315

■ 84, 44.821,
206.142

■ 84, 44.991,
206.783

Harmonies

Complementary

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



94, 10.559, 204.404



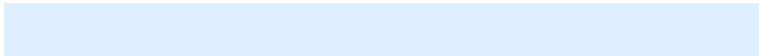
88, 11.540, 25.319

Rectangle

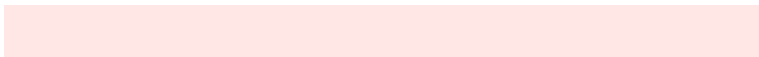
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



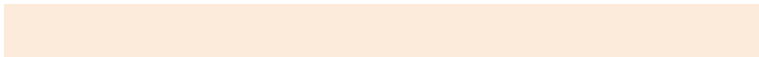
94, 10.559, 204.404



94, 10.559, 254.404



94, 10.559, 24.404



94, 10.559, 74.404

Sweetspot

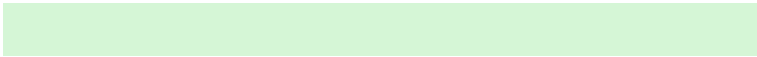
The Sweet Spot groups the original color and five complimentary colors.



94, 10.560, 204.394



99, 3.323, 204.823



94, 20.075, 144.985



53, 2.357, 204.767



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, 10.560, 204.394



97, 12.868, 204.315



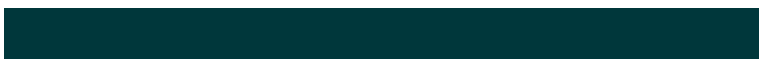
90, 10.587, 262.535



50, 4.505, 204.533



65, 36.569, 206.590



20, 16.408, 205.137

Inverse Universe

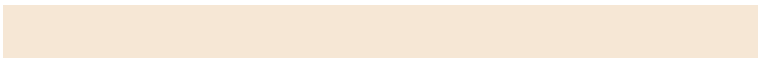
The Inverse Universe completely reimagines the original color for something new.



89, 19.958, 326.855



90, 24.534, 327.007



92, 10.835, 78.888



48, 8.405, 326.623



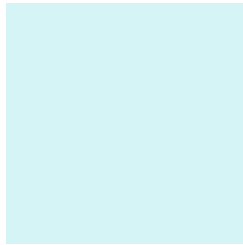
44, 86.998, 330.797



11, 38.924, 330.438

Previews

White Background



This preview shows how the CIELCh color 94, 10.559, 204.404 looks on a white background.

Color Contrast Check

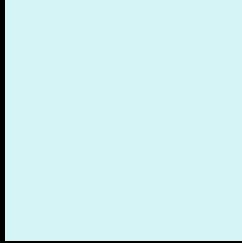
Large Text (above 18pt) WCAG AA × Fail

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, 10.559, 204.404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

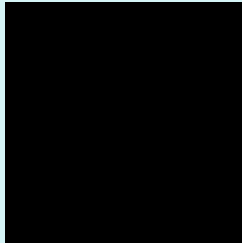
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

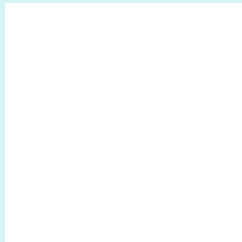
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 10.559, 204.404

Background



This preview shows how black text looks on a background with the CIELCh color 94, 10.559, 204.404.

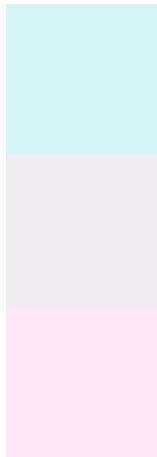


This preview shows how white text looks on a background with the CIELCh color 94, 10.559, 204.404.

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

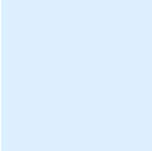
94, 10.559, 204.404

Protanopia

94, 2.960, 318.823

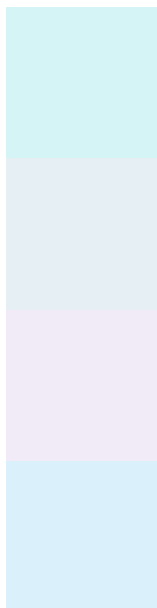
Deuteranopia

94, 12.842, 334.123



Tritanopia
94, 9.915, 250.535

Trichromacy



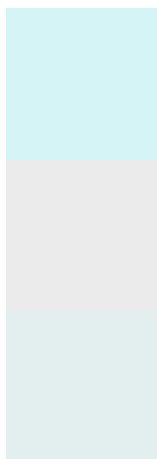
Original Color
94, 10.559, 204.404

Protanomaly
94, 3.719, 233.068

Deuteranomaly
94, 6.457, 306.325

Tritanomaly
94, 9.504, 235.756

Monochromacy



Original Color
94, 10.559, 204.404

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.867, 206.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 10.559, 204.404 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(213, 244, 246)` looks like.

```
.text, #text, p{  
    color:rgb(213, 244, 246)  
}
```

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(213, 244, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 244, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 10.559, 204.404 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(213, 244, 246) }
```

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

```
.border{ border-color:rgb(213, 244, 246) }
```

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

Here you see how a box with a 4 pixel rgb(213, 244, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 244, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 244, 246);  
box-shadow:4px 4px 4px 4px rgb(213, 244,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 10.559, 204.404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 244, 246) }
```

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

```
.background{ background-color: rgb(213,  
244, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor