

Converting Colors

CIE LCh(94, 6.229, 203.839)

Have a look what the booklet for
CIELCh(94, 6.229, 203.839) contains.

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Color

CIELCh(94, 6.239, 203.844)

Conversions

Conversions Part 1

Format	Color
Hex	DFF1F2
RGB	223, 241, 242
RGB Percent	87%, 95%, 95%
CMY	0.1242, 0.0536, 0.0497
CMYK	0.08, 0.00, 0.00, 0.05
HSL	183°, 43%, 91%
HSV	183°, 8%, 95%
XYZ	78.1567, 85.2715, 96.5998
YIQ	235.7320, -11.0490, -3.5050

Conversions

Conversions Part 2

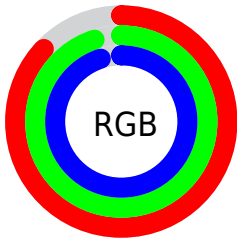
Format	Color
R _Y B	223, 232, 242
Decimal	14676466
CIE Lab	94.00, -5.71, -2.52
CIE LCh	94, 6.239, 203.844
Yxy	85.2715, 0.3006, 0.3279
Android (android.graphics.Color)	4292866546 (0xFFDFF1F2)
YUV	235.7320, 3.0901, -11.1660
Hunter-Lab	92.3426, -10.5210, 2.6164

Details

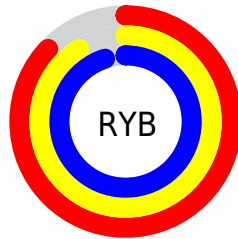
The CIELCh color `94, 6.239, 203.844` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `91, 6.563, 24.265`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 6.165, 204.051` is the 20% darker color. If you saturate the color by 10%, you get `92, 13.798, 203.455`, and if you desaturate by 10%, it is `96, 1.757, 23.731`.

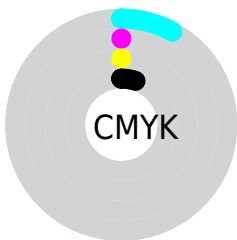
Distribution



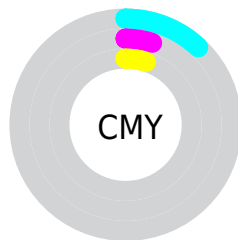
- Red (87%)
- Green (95%)
- Blue (95%)



- Red (87%)
- Yellow (91%)
- Blue (95%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (12%)
- Magenta (5%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 6.239, 203.844 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, 6.239, 203.844 by changing the saturation by 10% instead.

 94, 6.239, 203.844

 94, 6.239, 203.844

 100, 6.239,
203.844

 84, 6.239, 203.844

 74, 6.239, 203.844

 64, 6.239, 203.844

 54, 6.239, 203.844

 44, 6.239, 203.844

 34, 6.239, 203.844

 24, 6.239, 203.844

 14, 6.239, 203.844

 4, 6.239, 203.844

94, 6.239, 203.844

94, 6.239, 203.844

92, 13.798,
203.455

96, 1.757, 23.731

90, 20.790,
203.201

97, 4.031, 30.760

97, 3.777, 41.752

89, 27.082,
203.047

98, 3.679, 53.804

87, 32.543,
203.007

98, 3.748, 65.938

98, 3.976, 77.139

86, 37.058,
203.098

99, 4.338, 86.789

85, 40.545,
203.339

99, 4.802, 94.756

99, 5.342, 101.206

85, 42.972,
203.745

84, 44.373,
204.333

■ 83, 44.883,
205.103

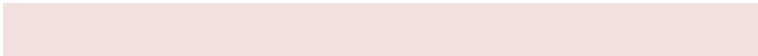
Harmonies

Complementary

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



94, 6.239, 203.844



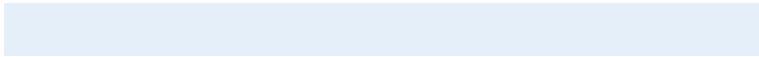
91, 6.563, 24.265

Rectangle

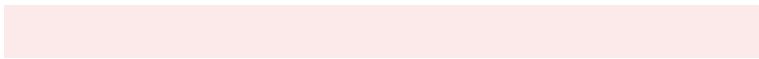
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



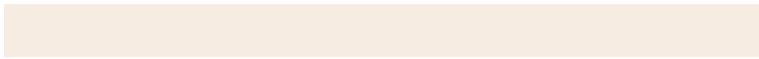
94, 6.239, 203.844



94, 6.239, 253.844



94, 6.239, 23.844



94, 6.239, 73.844

Sweetspot

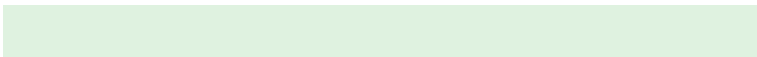
The Sweet Spot groups the original color and five complimentary colors.



94, 6.240, 203.826



100, 1.681, 204.331



94, 11.553, 145.368



53, 0.956, 204.356



0, 0.000, 0.000



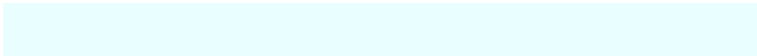
53, 0.007, 296.813

Same Dimension

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



94, 6.240, 203.826



98, 7.440, 203.772



92, 6.119, 261.734



50, 4.540, 203.752



66, 36.908, 205.125



20, 16.546, 203.891

Inverse Universe

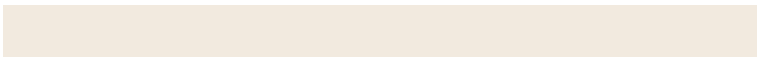
The Inverse Universe completely reimagines the original color for something new.



91, 11.556, 326.293



94, 13.830, 326.363



93, 6.189, 79.582



48, 8.451, 326.391



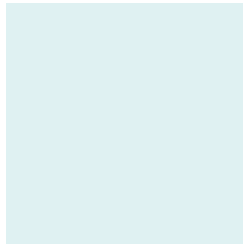
44, 87.551, 330.435



11, 39.139, 330.129

Previews

White Background



This preview shows how the CIELCh color 94, 6.239, 203.844 looks on a white background.

Color Contrast Check

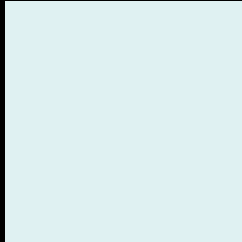
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 94, 6.239, 203.844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

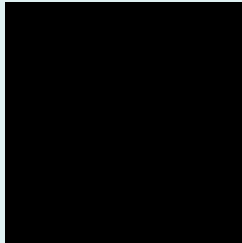
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

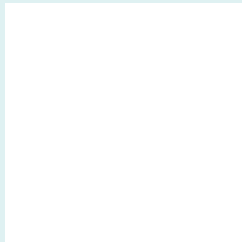
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 6.239, 203.844

Background



This preview shows how black text looks on a background with the CIELCh color 94, 6.239, 203.844.

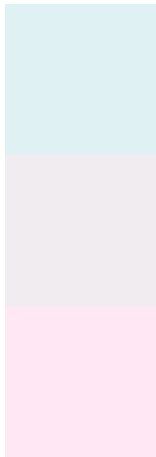


This preview shows how white text looks on a background with the CIELCh color 94, 6.239, 203.844.

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, 6.239, 203.844

Protanopia

94, 2.370, 338.607

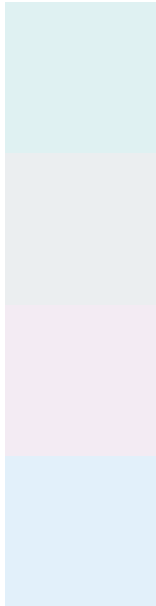
Deuteranopia

94, 10.867, 342.193



Tritanopia
94, 8.973, 266.220

Trichromacy



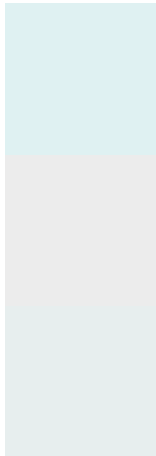
Original Color
94, 6.239, 203.844

Protanomaly
94, 1.468, 244.457

Deuteranomaly
94, 5.026, 324.564

Tritanomaly
94, 6.958, 247.093

Monochromacy



Original Color
94, 6.239, 203.844

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 2.457, 199.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 6.239, 203.844 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(223, 241, 242)` looks like.

```
.text, #text, p{  
    color:rgb(223, 241, 242)  
}
```

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(223, 241, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 241, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 6.239, 203.844 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(223, 241, 242) }
```

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

```
.border{ border-color:rgb(223, 241, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 241, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 241, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 241, 242);  
box-shadow:4px 4px 4px 4px rgb(223, 241,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 6.239, 203.844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 241, 242) }
```

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

```
.background{ background-color: rgb(223,  
241, 242) }
```

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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