

Converting Colors

CIE LCh(96, 6.683, 202.021)

Have a look what the booklet for
CIELCh(96, 6.683, 202.021) contains.

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Color

CIELCh(96, 6.549, 203.582)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E4F7F8 |
| RGB | 228, 247, 248 |
| RGB Percent | 89%, 97%, 97% |
| CMY | 0.1049, 0.0303, 0.0264 |
| CMYK | 0.08, 0.00, 0.00, 0.03 |
| HSL | 183°, 60%, 93% |
| HSV | 183°, 8%, 97% |
| XYZ | 82.3983, 90.0078, 102.0466 |
| YIQ | 241.4330, -11.6450, -3.7170 |

Conversions

Conversions Part 2

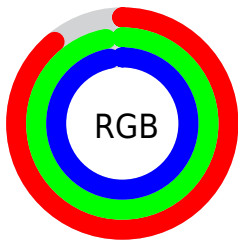
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 228, 238, 248 |
| Decimal | 15005688 |
| CIE Lab | 96.00, -6.00, -2.62 |
| CIE LCh | 96, 6.549, 203.582 |
| Yxy | 90.0078, 0.3002, 0.3280 |
| Android (android.graphics.Color) | 4293195768 (0xFFE4F7F8) |
| YUV | 241.4330, 3.2375, -11.7807 |
| Hunter-Lab | 94.8724, -10.9965, 2.6372 |

Details

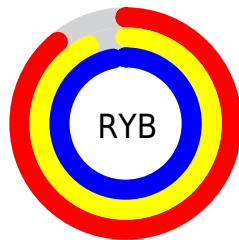
The CIELCh color **96, 6.549, 203.582** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 6.899, 24.045**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 6.483, 203.759** is the 20% darker color. If you saturate the color by 10%, you get **94, 14.265, 203.186**, and if you desaturate by 10%, it is **98, 1.617, 23.443**.

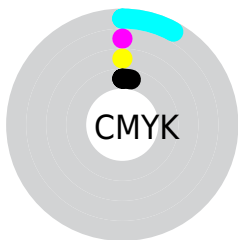
Distribution



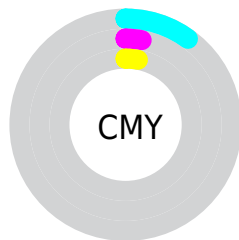
- Red (89%)
- Green (97%)
- Blue (97%)



- Red (89%)
- Yellow (93%)
- Blue (97%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (10%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 6.549, 203.582 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 96, 6.549, 203.582 by changing the saturation by 10% instead.

96, 6.549, 203.582

96, 6.549, 203.582

100, 6.549,
203.582

86, 6.549, 203.582

76, 6.549, 203.582

66, 6.549, 203.582

56, 6.549, 203.582

46, 6.549, 203.582

36, 6.549, 203.582

26, 6.549, 203.582

16, 6.549, 203.582

6, 6.549, 203.582

96, 6.549, 203.582

96, 6.549, 203.582

94, 14.265,
203.186

98, 1.617, 23.443

92, 21.398,
202.921

99, 1.992, 41.308

99, 1.962, 63.654

91, 27.812,
202.756

99, 2.216, 83.619

89, 33.372,
202.701

99, 2.672, 98.115

100, 3.247,
107.930

88, 37.961,
202.775

100, 3.407,
109.901

87, 41.497,
202.994

87, 43.950,
203.375

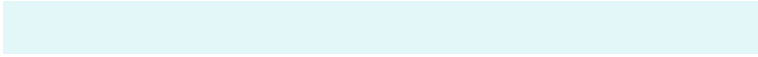
86, 45.356,
203.931

■ 85, 45.860,
204.660

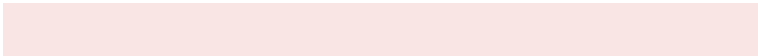
Harmonies

Complementary

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



96, 6.549, 203.582



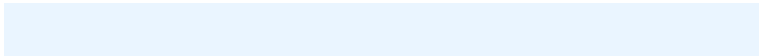
92, 6.899, 24.045

Rectangle

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



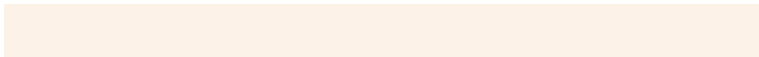
96, 6.549, 203.582



96, 6.549, 253.582



96, 6.549, 23.582



96, 6.549, 73.582

Sweetspot

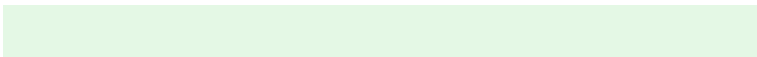
The Sweet Spot groups the original color and five complimentary colors.



96, 6.550, 203.564



100, 1.686, 204.086



96, 12.246, 144.890



53, 0.959, 204.110



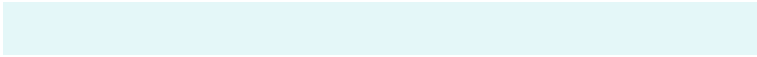
0, 0.000, 0.000



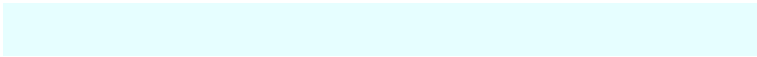
53, 0.007, 296.813

Same Dimension

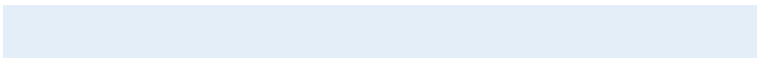
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 6.550, 203.564



98, 8.266, 203.477



94, 6.315, 260.070



51, 4.628, 203.499



67, 37.397, 204.662



22, 17.049, 203.551

Inverse Universe

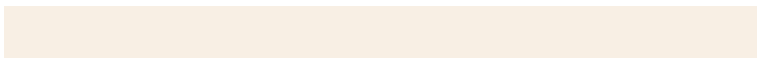
The Inverse Universe completely reimagines the original color for something new.



93, 12.130, 326.231



94, 15.404, 326.348



95, 6.403, 77.868



49, 8.611, 326.317



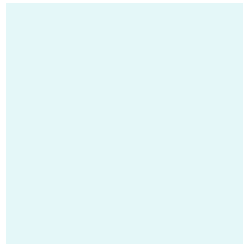
44, 88.622, 330.320



11, 40.295, 330.044

Previews

White Background



This preview shows how the CIELCh color 96, 6.549, 203.582 looks on a white background.

Color Contrast Check

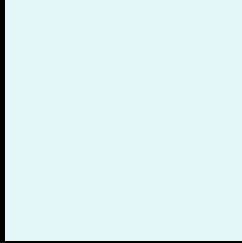
Large Text (above 18pt) WCAG AA × Fail

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 96, 6.549, 203.582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

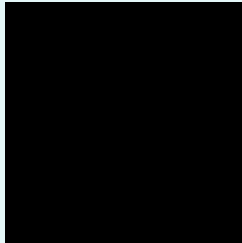
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

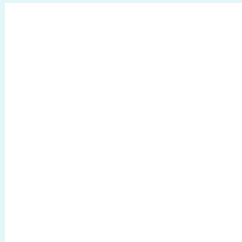
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 6.549, 203.582

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.549, 203.582.

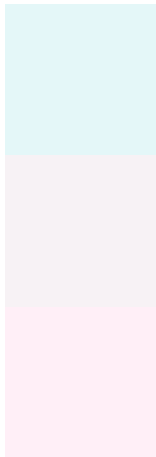


This preview shows how white text looks on a background with the CIELCh color 96, 6.549, 203.582.

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
96, 6.549, 203.582

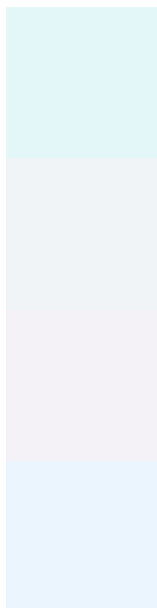
Protanopia
96, 2.359, 338.599

Deuteranopia
96, 7.016, 344.104



Tritanopia
96, 6.091, 267.411

Trichromacy



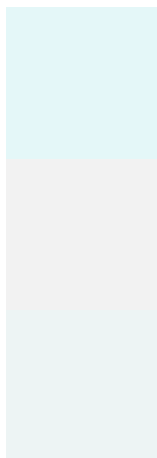
Original Color
96, 6.549, 203.582

Protanomaly
96, 1.725, 236.227

Deuteranomaly
96, 2.792, 312.504

Tritanomaly
96, 5.522, 247.381

Monochromacy



Original Color
96, 6.549, 203.582

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 2.446, 199.507

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 6.549, 203.582 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(228, 247, 248)` looks like.

```
.text, #text, p{  
    color:rgb(228, 247, 248)  
}
```

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(228, 247, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 247, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.549, 203.582 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(228, 247, 248) }
```

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

```
.border{ border-color:rgb(228, 247, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 247, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 247, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 247, 248);  
box-shadow:4px 4px 4px 4px rgb(228, 247,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.549, 203.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 247, 248) }
```

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

```
.background{ background-color: rgb(228,  
247, 248) }
```

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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