

Converting Colors

CIELCh(95, 7.065, 240.235)

Have a look what the booklet for
CIELCh(95, 7.065, 240.235) contains.

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Color

CIELCh(95, 7.080, 240.074)

Conversions

Conversions Part 1

Format	Color
Hex	E3F3FC
RGB	227, 243, 252
RGB Percent	89%, 95%, 99%
CMY	0.1091, 0.0463, 0.0110
CMYK	0.10, 0.04, 0.00, 0.01
HSL	202°, 82%, 94%
HSV	202°, 10%, 99%
XYZ	81.4478, 87.6183, 104.8751
YIQ	239.2420, -12.4250, -0.5930

Conversions

Conversions Part 2

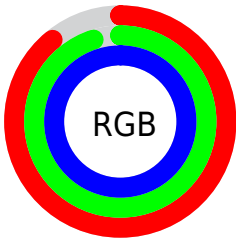
Format	Color
R_{YB}	227, 237, 252
Decimal	14939132
CIE _{Lab}	95.00, -3.53, -6.14
CIE _{LCh}	95, 7.080, 240.074
Yxy	87.6183, 0.2973, 0.3198
Android (android.graphics.Color)	4293129212 (0xFFE3F3FC)
YUV	239.2420, 6.2897, -10.7362
Hunter-Lab	93.6047, -8.4908, -0.9056

Details

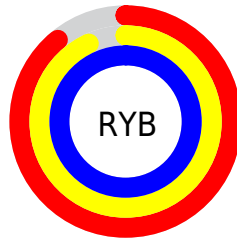
The CIELCh color `95, 7.080, 240.074` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 7.413, 58.024`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 6.796, 238.698` is the 20% darker color. If you saturate the color by 10%, you get `91, 13.959, 241.254`, and if you desaturate by 10%, it is `99, 0.057, 49.080`.

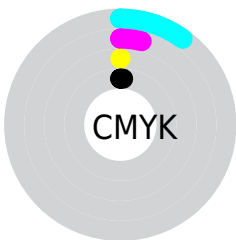
Distribution



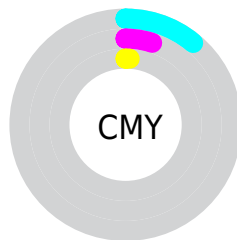
- Red (89%)
- Green (95%)
- Blue (99%)



- Red (89%)
- Yellow (93%)
- Blue (99%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (5%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.080, 240.074 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 95, 7.080, 240.074 by changing the saturation by 10% instead.

 95, 7.080, 240.074

 95, 7.080, 240.074

 100, 7.080,
240.074

 85, 7.080, 240.074

 75, 7.080, 240.074

 65, 7.080, 240.074

 55, 7.080, 240.074

 45, 7.080, 240.074

 35, 7.080, 240.074

 25, 7.080, 240.074

 15, 7.080, 240.074

 5, 7.080, 240.074

95, 7.080, 240.074

95, 7.080, 240.074

91, 13.959,
241.254

99, 0.057, 49.080

87, 20.516,
242.773

100, 1.412,
110.018

83, 26.681,
244.664

80, 32.393,
247.006

76, 37.613,
249.886

73, 42.344,
253.380

70, 46.653,
257.529

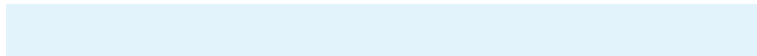
67, 50.682,
262.297

■ 64, 54.668,
267.454

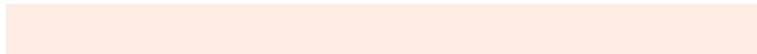
Harmonies

Complementary

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



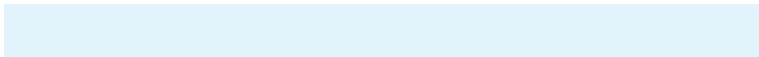
95, 7.080, 240.074



94, 7.413, 58.024

Rectangle

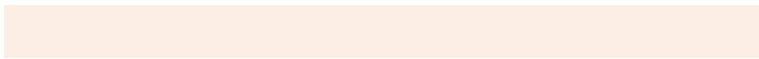
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 7.080, 240.074



95, 7.080, 290.074



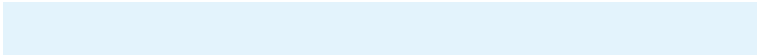
95, 7.080, 60.074



95, 7.080, 110.074

Sweetspot

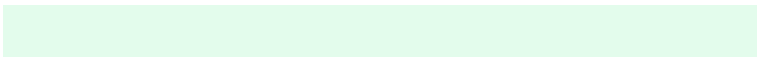
The Sweet Spot groups the original color and five complimentary colors.



95, 7.080, 240.056



99, 2.189, 239.520



97, 12.164, 155.677



52, 1.656, 239.544



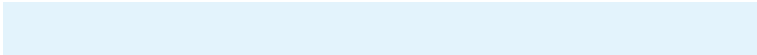
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 7.080, 240.056



95, 8.615, 240.280



92, 11.052, 284.418



50, 4.032, 240.013



49, 43.451, 266.503



14, 18.106, 258.861

Inverse Universe

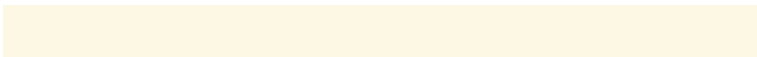
The Inverse Universe completely reimagines the original color for something new.



93, 12.160, 337.504



92, 14.877, 337.670



98, 10.883, 102.148



49, 6.918, 337.470



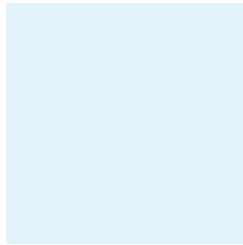
41, 71.049, 349.575



10, 32.994, 346.005

Previews

White Background



This preview shows how the CIE LCh color 95, 7.080, 240.074 looks on a white background.

Color Contrast Check

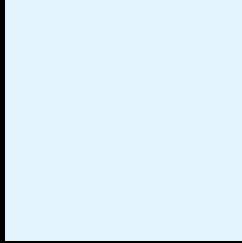
Large Text (above 18pt) WCAG AA × Fail

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 95, 7.080, 240.074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

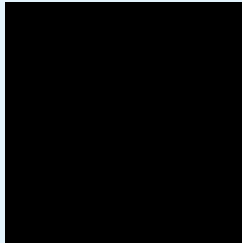
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

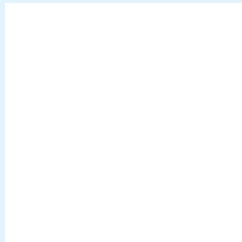
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.080, 240.074

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.080, 240.074.

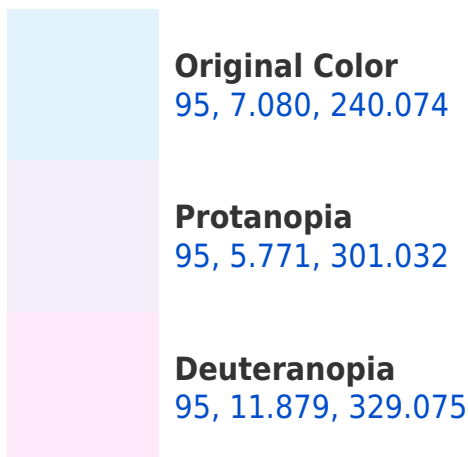


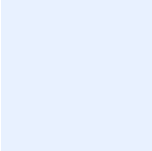
This preview shows how white text looks on a background with the CIELCh color 95, 7.080, 240.074.

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](#).

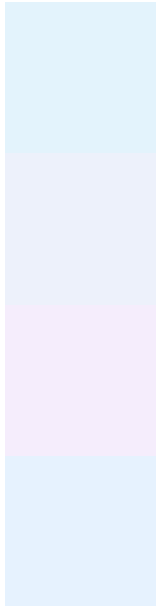
Dichromacy





Tritanopia
95, 7.768, 267.461

Trichromacy



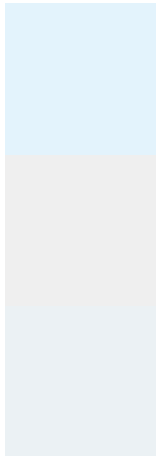
Original Color
95, 7.080, 240.074

Protanomaly
95, 5.301, 275.487

Deuteranomaly
95, 8.243, 310.463

Tritanomaly
95, 7.331, 256.720

Monochromacy



Original Color
95, 7.080, 240.074

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 2.583, 236.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.080, 240.074 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(227, 243, 252)` looks like.

```
.text, #text, p{  
    color:rgb(227, 243, 252)  
}
```

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(227, 243, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 243, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.080, 240.074 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(227, 243, 252) }
```

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

```
.border{ border-color:rgb(227, 243, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 243, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 243, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 243, 252);  
box-shadow:4px 4px 4px 4px rgb(227, 243,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.080, 240.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 243, 252) }
```

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

```
.background{ background-color: rgb(227,  
243, 252) }
```

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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