

Converting Colors

CIELCh(95, 5.503, 268.501)

Have a look what the booklet for
CIELCh(95, 5.503, 268.501) contains.

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Color

CIELCh(95, 5.508, 268.540)

Conversions

Conversions Part 1

Format	Color
Hex	EBF1FB
RGB	235, 241, 251
RGB Percent	92%, 95%, 98%
CMY	0.0780, 0.0545, 0.0153
CMYK	0.06, 0.04, 0.00, 0.02
HSL	217°, 67%, 95%
HSV	217°, 6%, 98%
XYZ	83.2053, 87.6183, 103.8751
YIQ	240.3460, -6.7860, 1.8380

Conversions

Conversions Part 2

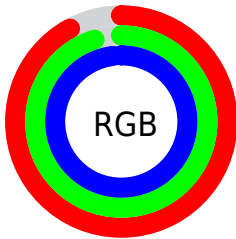
Format	Color
R_{YB}	235, 239, 251
Decimal	15462907
CIE _{Lab}	95.00, -0.14, -5.51
CIE _{LCh}	95, 5.508, 268.540
Yxy	87.6183, 0.3029, 0.3190
Android (android.graphics.Color)	4293652987 (0xFFEBF1FB)
YUV	240.3460, 5.2524, -4.6884
Hunter-Lab	93.6047, -5.1392, -0.2721

Details

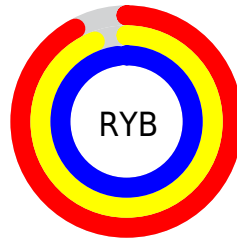
The CIELCh color `95, 5.508, 268.540` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 5.514, 86.765`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 5.779, 268.766` is the 20% darker color. If you saturate the color by 10%, you get `89, 14.208, 269.973`, and if you desaturate by 10%, it is `100, 1.966, 109.992`.

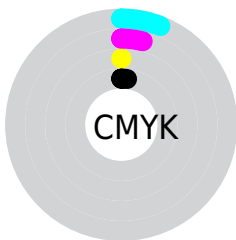
Distribution



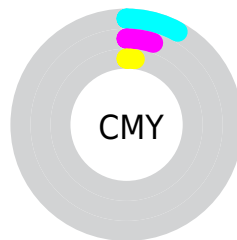
- Red (92%)
- Green (95%)
- Blue (98%)



- Red (92%)
- Yellow (94%)
- Blue (98%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (8%)
- Magenta (5%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 5.508, 268.540 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, 5.508, 268.540 by changing the saturation by 10% instead.

 95, 5.508, 268.540

 95, 5.508, 268.540

 100, 5.508,
268.540

 85, 5.508, 268.540

 75, 5.508, 268.540

 65, 5.508, 268.540

 55, 5.508, 268.540

 45, 5.508, 268.540

 35, 5.508, 268.540

 25, 5.508, 268.540

 15, 5.508, 268.540

 5, 5.508, 268.540

95, 5.508, 268.540

95, 5.508, 268.540

89, 14.208,
269.973

100, 1.966,
109.992

84, 22.997,
271.709

78, 31.874,
273.756

72, 40.851,
276.158

67, 49.955,
278.955

61, 59.232,
282.162

56, 68.738,
285.744

52, 78.496,
289.589

■ 47, 88.431,
293.497

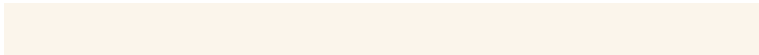
Harmonies

Complementary

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



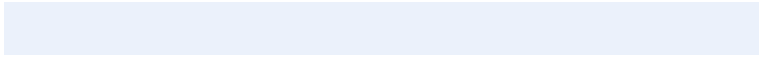
95, 5.508, 268.540



97, 5.514, 86.765

Rectangle

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



95, 5.508, 268.540



95, 5.508, 318.540



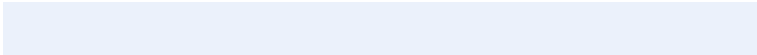
95, 5.508, 88.540



95, 5.508, 138.540

Sweetspot

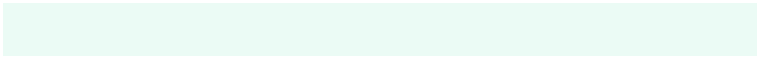
The Sweet Spot groups the original color and five complimentary colors.



95, 5.507, 268.520



99, 1.753, 268.066



97, 6.434, 169.960



53, 0.997, 268.063



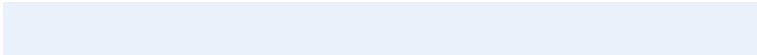
0, 0.000, 0.000



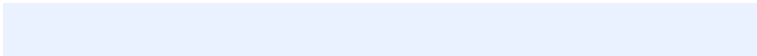
53, 0.007, 296.813

Same Dimension

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



95, 5.507, 268.520



95, 7.003, 268.736



94, 8.291, 295.285



49, 4.898, 268.940



34, 72.896, 294.143



9, 28.569, 288.334

Inverse Universe

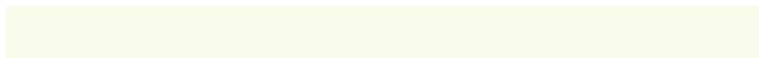
The Inverse Universe completely reimagines the original color for something new.



94, 6.498, 351.465



95, 8.282, 351.638



98, 8.159, 114.254



49, 5.804, 351.794



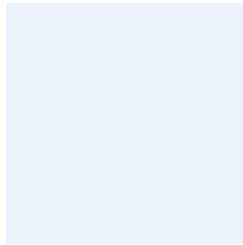
40, 68.009, 14.153



9, 30.457, 6.470

Previews

White Background



This preview shows how the CIELCh color 95, 5.508, 268.540 looks on a white background.

Color Contrast Check

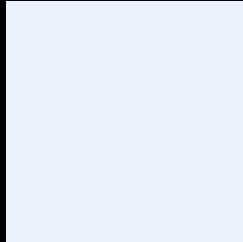
Large Text (above 18pt) WCAG AA × Fail

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, 5.508, 268.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

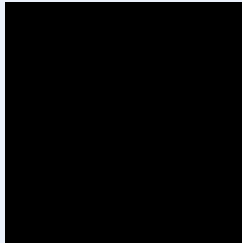
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

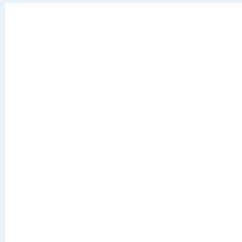
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 5.508, 268.540

Background



This preview shows how black text looks on a background with the CIELCh color 95, 5.508, 268.540.



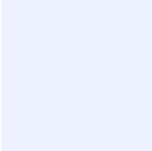
This preview shows how white text looks on a background with the CIELCh color 95, 5.508, 268.540.

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](#).

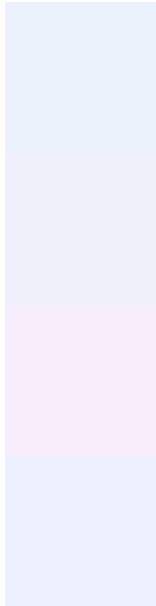
Dichromacy





Tritanopia
95, 7.763, 283.171

Trichromacy



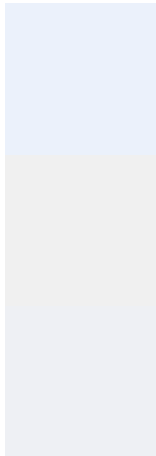
Original Color
95, 5.508, 268.540

Protanomaly
95, 5.151, 286.733

Deuteranomaly
95, 7.756, 320.379

Tritanomaly
95, 7.305, 279.917

Monochromacy



Original Color
95, 5.508, 268.540

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.169, 271.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 5.508, 268.540 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(235, 241, 251)` looks like.

```
.text, #text, p{  
    color:rgb(235, 241, 251)  
}
```

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(235, 241, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 241, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 5.508, 268.540 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(235, 241, 251) }
```

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

```
.border{ border-color:rgb(235, 241, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 241, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 241, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 241, 251);  
box-shadow:4px 4px 4px 4px rgb(235, 241,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 5.508, 268.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 241, 251) }
```

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

```
.background{ background-color: rgb(235,  
241, 251) }
```

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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