

Converting Colors

CIELCh(95, 4.926, 252.158)

Have a look what the booklet for
CIELCh(95, 4.926, 252.158) contains.

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Color

CIELCh(95, 4.712, 249.224)

Conversions

Conversions Part 1

Format	Color
Hex	E9F2F9
RGB	233, 242, 249
RGB Percent	91%, 95%, 98%
CMY	0.0865, 0.0512, 0.0238
CMYK	0.06, 0.03, 0.00, 0.02
HSL	206°, 57%, 94%
HSV	206°, 6%, 98%
XYZ	82.4089, 87.6183, 102.1428
YIQ	240.1070, -7.6110, 0.2690

Conversions

Conversions Part 2

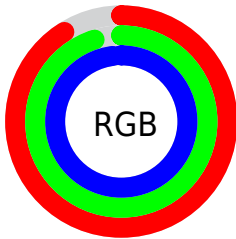
Format	Color
R _Y B	233, 239, 249
Decimal	15332089
CIE Lab	95.00, -1.67, -4.41
CIE LCh	95, 4.712, 249.224
Yxy	87.6183, 0.3028, 0.3219
Android (android.graphics.Color)	4293522169 (0xFFE9F2F9)
YUV	240.1070, 4.3842, -6.2328
Hunter-Lab	93.6047, -6.6581, 0.8251

Details

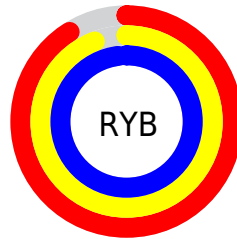
The CIELCh color `95, 4.712, 249.224` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 4.805, 67.515`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 4.933, 249.423` is the 20% darker color. If you saturate the color by 10%, you get `91, 11.908, 250.509`, and if you desaturate by 10%, it is `99, 2.099, 88.660`.

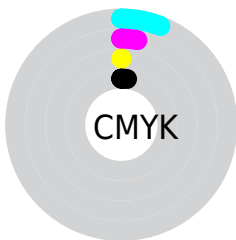
Distribution



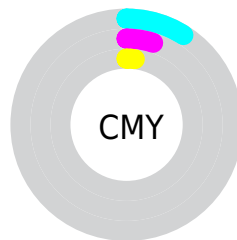
- Red (91%)
- Green (95%)
- Blue (98%)



- Red (91%)
- Yellow (94%)
- Blue (98%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)





- Cyan (9%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 4.712, 249.224 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, 4.712, 249.224 by changing the saturation by 10% instead.

 95, 4.712, 249.224

 95, 4.712, 249.224

 100, 4.712,
249.224

 85, 4.712, 249.224

 75, 4.712, 249.224

 65, 4.712, 249.224

 55, 4.712, 249.224

 45, 4.712, 249.224

 35, 4.712, 249.224

 25, 4.712, 249.224

 15, 4.712, 249.224

 5, 4.712, 249.224

95, 4.712, 249.224

95, 4.712, 249.224

91, 11.908,
250.509

99, 2.099, 88.660

86, 18.918,
252.151

100, 3.061,
109.924

82, 25.693,
254.149

78, 32.196,
256.569

73, 38.407,
259.481

69, 44.338,
262.943

66, 50.055,
266.976

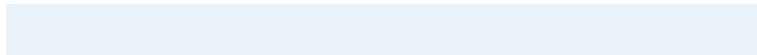
62, 55.678,
271.527

■ 59, 61.367,
276.436

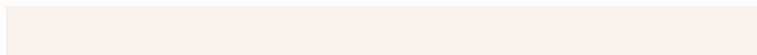
Harmonies

Complementary

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



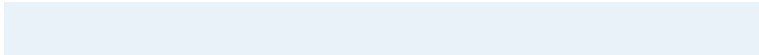
95, 4.712, 249.224



95, 4.805, 67.515

Rectangle

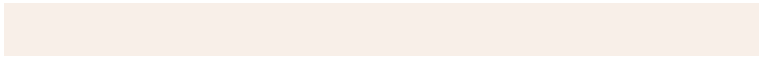
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 4.712, 249.224



95, 4.712, 299.224



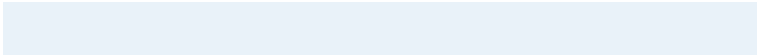
95, 4.712, 69.224



95, 4.712, 119.224

Sweetspot

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



95, 4.711, 249.196



99, 1.506, 248.891



97, 7.326, 159.783



53, 0.856, 248.897



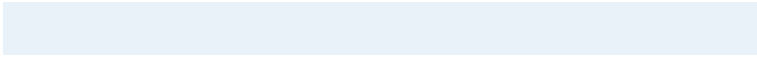
0, 0.000, 0.000



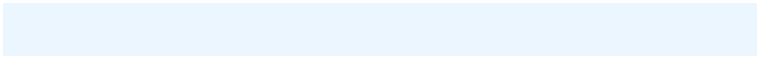
53, 0.007, 296.813

Same Dimension

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



95, 4.711, 249.196



96, 5.969, 249.377



93, 7.717, 288.061



50, 4.165, 249.558



44, 50.758, 277.266



13, 20.536, 269.893

Inverse Universe

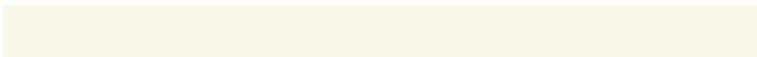
The Inverse Universe completely reimagines the original color for something new.



94, 7.362, 340.861



95, 9.359, 341.002



97, 7.605, 106.697



49, 6.552, 341.131



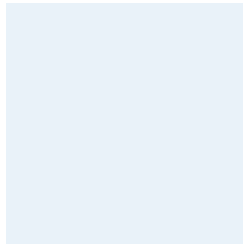
41, 68.654, 356.240



10, 31.783, 351.426

Previews

White Background



This preview shows how the CIELCh color 95, 4.712, 249.224 looks on a white background.

Color Contrast Check

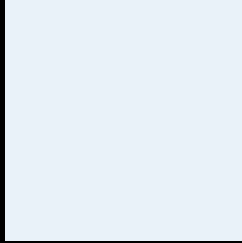
Large Text (above 18pt) WCAG AA × Fail

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, 4.712, 249.224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

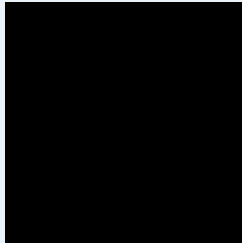
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

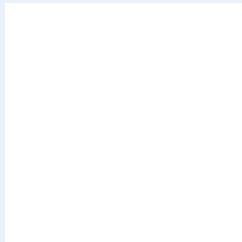
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 4.712, 249.224

Background



This preview shows how black text looks on a background with the CIELCh color 95, 4.712, 249.224.

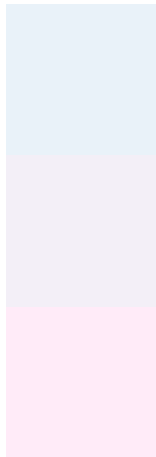


This preview shows how white text looks on a background with the CIELCh color 95, 4.712, 249.224.

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

95, 4.712, 249.224

Protanopia

95, 4.368, 309.179

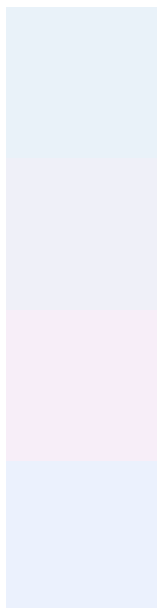
Deuteranopia

95, 9.757, 336.903



Tritanopia
95, 7.810, 280.681

Trichromacy



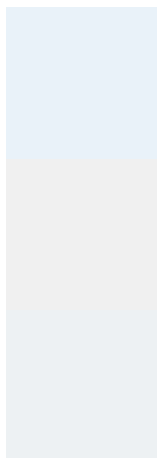
Original Color
95, 4.712, 249.224

Protanomaly
95, 4.127, 285.681

Deuteranomaly
95, 6.068, 321.866

Tritanomaly
95, 6.468, 272.090

Monochromacy



Original Color
95, 4.712, 249.224

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.729, 236.225

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 4.712, 249.224 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(233, 242, 249)` looks like.

```
.text, #text, p{  
    color:rgb(233, 242, 249)  
}
```

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(233, 242, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 242, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 4.712, 249.224 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(233, 242, 249) }
```

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

```
.border{ border-color:rgb(233, 242, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 242, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 242, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 242, 249);  
box-shadow:4px 4px 4px 4px rgb(233, 242,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 4.712, 249.224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 242, 249) }
```

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

```
.background{ background-color: rgb(233,  
242, 249) }
```

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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