

Converting Colors

CIELCh(95, 7.125, 266.856)

Have a look what the booklet for
CIELCh(95, 7.125, 266.856) contains.

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Color

CIELCh(95, 7.173, 268.273)

Conversions

Conversions Part 1

Format	Color
Hex	E9F1FE
RGB	233, 241, 254
RGB Percent	91%, 95%, 100%
CMY	0.0852, 0.0538, 0.0028
CMYK	0.08, 0.05, 0.00, 0.00
HSL	217°, 94%, 96%
HSV	217°, 8%, 100%
XYZ	83.1658, 87.6183, 106.5304
YIQ	240.0900, -8.9410, 2.3470

Conversions

Conversions Part 2

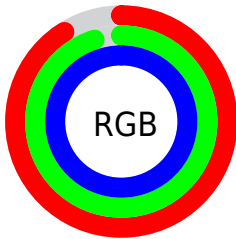
Format	Color
R _Y B	233, 239, 254
Decimal	15331838
CIE Lab	95.00, -0.22, -7.17
CIE LCh	95, 7.173, 268.273
Yxy	87.6183, 0.2999, 0.3160
Android (android.graphics.Color)	4293521918 (0xFFE9F1FE)
YUV	240.0900, 6.8576, -6.2179
Hunter-Lab	93.6047, -5.2147, -1.9540

Details

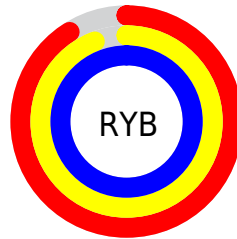
The CIELCh color **95, 7.173, 268.273** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 7.203, 86.018**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 7.030, 266.815** is the 20% darker color. If you saturate the color by 10%, you get **89, 15.919, 269.771**, and if you desaturate by 10%, it is **100, 0.353, 109.932**.

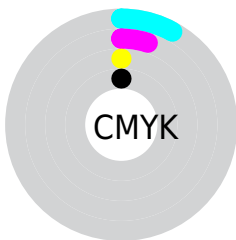
Distribution



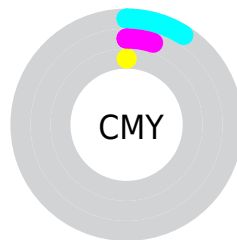
- Red (91%)
- Green (95%)
- Blue (100%)



- Red (91%)
- Yellow (94%)
- Blue (100%)



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




- Cyan (9%)
- Magenta (5%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 7.173, 268.273 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, 7.173, 268.273 by changing the saturation by 10% instead.

 95, 7.173, 268.273

 95, 7.173, 268.273

 100, 7.173,
268.273

 85, 7.173, 268.273

 75, 7.173, 268.273

 65, 7.173, 268.273

 55, 7.173, 268.273

 45, 7.173, 268.273

 35, 7.173, 268.273

 25, 7.173, 268.273

 15, 7.173, 268.273

 5, 7.173, 268.273

95, 7.173, 268.273

95, 7.173, 268.273

89, 15.919,
269.771

100, 0.353,
109.932

84, 24.745,
271.568

78, 33.652,
273.686

72, 42.652,
276.171

67, 51.776,
279.060

61, 61.074,
282.361

56, 70.602,
286.029

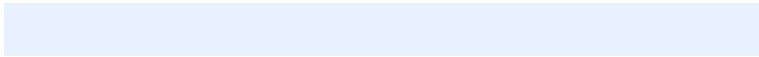
52, 80.380,
289.935

■ 47, 90.322,
293.849

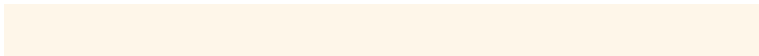
Harmonies

Complementary

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



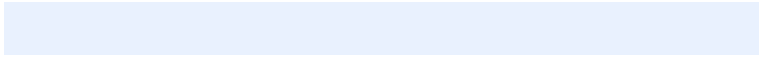
95, 7.173, 268.273



97, 7.203, 86.018

Rectangle

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



95, 7.173, 268.273



95, 7.173, 318.273



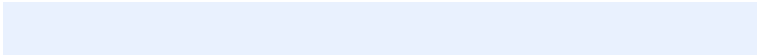
95, 7.173, 88.273



95, 7.173, 138.273

Sweetspot

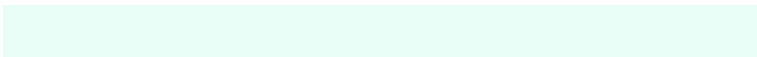
The Sweet Spot groups the original color and five complimentary colors.



95, 7.172, 268.258



99, 1.742, 267.555



98, 8.423, 169.766



53, 0.991, 267.552



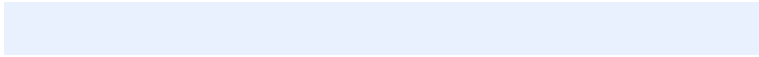
0, 0.000, 0.000



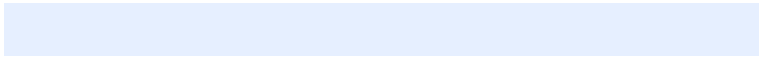
53, 0.007, 296.813

Same Dimension

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



95, 7.172, 268.258



94, 8.707, 268.501



93, 10.896, 295.450



50, 4.949, 268.431



35, 72.956, 293.798



9, 29.280, 288.243

Inverse Universe

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



94, 8.566, 351.291



93, 10.423, 351.472



99, 10.685, 114.104



50, 5.921, 351.420



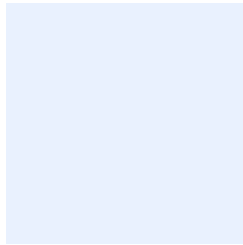
41, 68.601, 13.640



10, 31.282, 6.401

Previews

White Background



This preview shows how the CIELCh color 95, 7.173, 268.273 looks on a white background.

Color Contrast Check

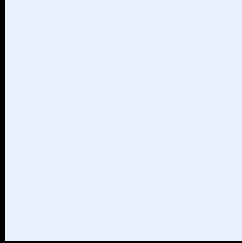
Large Text (above 18pt) WCAG AA × Fail

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, 7.173, 268.273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

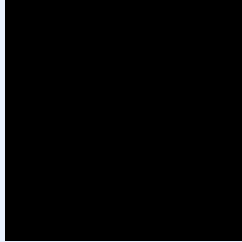
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

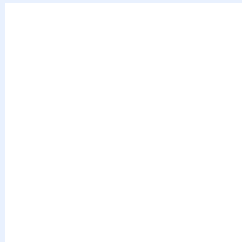
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.173, 268.273

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.173, 268.273.



This preview shows how white text looks on a background with the CIELCh color 95, 7.173, 268.273.

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](#).

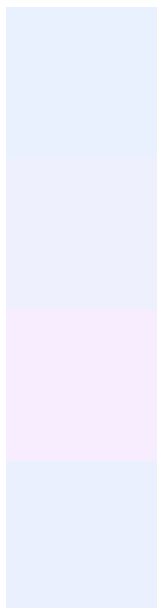
Dichromacy





Tritanopia
95, 7.810, 280.681

Trichromacy



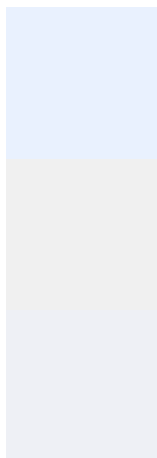
Original Color
95, 7.173, 268.273

Protanomaly
95, 6.709, 284.814

Deuteranomaly
95, 9.453, 312.353

Tritanomaly
95, 7.870, 278.230

Monochromacy



Original Color
95, 7.173, 268.273

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.660, 275.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.173, 268.273 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, 241, 254)` looks like.

```
.text, #text, p{  
    color:rgb(233, 241, 254)  
}
```

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, 241, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 241, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.173, 268.273 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, 241, 254) }
```

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

```
.border{ border-color:rgb(233, 241, 254) }
```

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

Here you see how a box with a 4 pixel rgb(233, 241, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 241, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 241, 254);  
box-shadow:4px 4px 4px 4px rgb(233, 241,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.173, 268.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 241, 254) }
```

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

```
.background{ background-color: rgb(233,  
241, 254) }
```

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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