

Converting Colors

CIELCh(95, 8.800, 237.980)

Have a look what the booklet for
CIELCh(95, 8.800, 237.980) contains.

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Color

CIELCh(95, 8.967, 238.274)

Conversions

Conversions Part 1

Format	Color
Hex	DFF4FF
RGB	223, 244, 255
RGB Percent	87%, 96%, 100%
CMY	0.1254, 0.0431, 0.0000
CMYK	0.13, 0.04, 0.00, 0.00
HSL	201°, 100%, 94%
HSV	201°, 13%, 100%
XYZ	80.8405, 87.6183, 107.2682
YIQ	238.9750, -16.0470, -1.0310

Conversions

Conversions Part 2

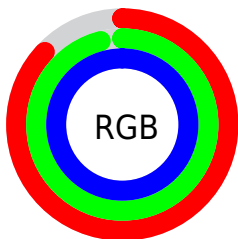
Format	Color
R _Y B	223, 236, 255
Decimal	14677247
CIE Lab	95.00, -4.72, -7.63
CIE LCh	95, 8.967, 238.274
Yxy	87.6183, 0.2932, 0.3178
Android (android.graphics.Color)	4292867327 (0xFFDFF4FF)
YUV	238.9750, 7.9003, -14.0101
Hunter-Lab	93.6047, -9.6488, -2.4214

Details

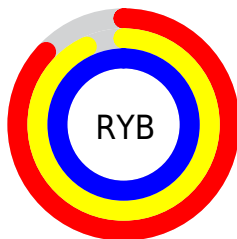
The CIELCh color `95, 8.967, 238.274` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 9.543, 55.846`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 8.759, 237.182` is the 20% darker color. If you saturate the color by 10%, you get `91, 15.776, 239.441`, and if you desaturate by 10%, it is `99, 1.853, 237.475`.

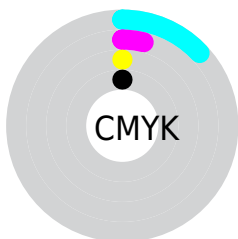
Distribution



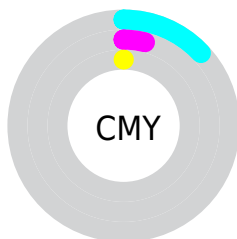
- Red (87%)
- Green (96%)
- Blue (100%)



- Red (87%)
- Yellow (93%)
- Blue (100%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.967, 238.274 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, 8.967, 238.274 by changing the saturation by 10% instead.

 95, 8.967, 238.274

 95, 8.967, 238.274

 100, 8.967,
238.274

 85, 8.967, 238.274

 75, 8.967, 238.274

 65, 8.967, 238.274

 55, 8.967, 238.274

 45, 8.967, 238.274

 35, 8.967, 238.274

 25, 8.967, 238.274

 15, 8.967, 238.274

 5, 8.967, 238.274

95, 8.967, 238.274

95, 8.967, 238.274

91, 15.776,
239.441

99, 1.853, 237.475

87, 22.220,
240.980

100, 0.012,
296.813

84, 28.221,
242.906

80, 33.714,
245.302

77, 38.663,
248.258

74, 43.080,
251.851

71, 47.046,
256.116

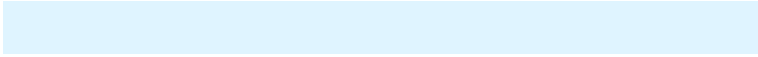
68, 50.724,
261.003

■ 66, 53.445,
264.875

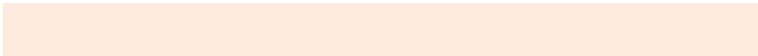
Harmonies

Complementary

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



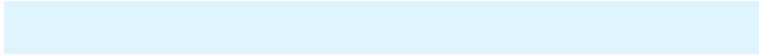
95, 8.967, 238.274



94, 9.543, 55.846

Rectangle

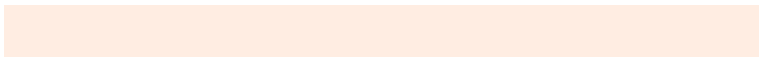
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 8.967, 238.274



95, 8.967, 288.274



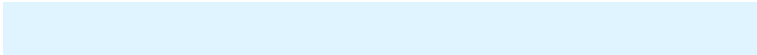
95, 8.967, 58.274



95, 8.967, 108.274

Sweetspot

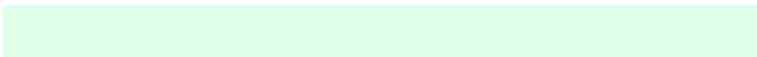
The Sweet Spot groups the original color and five complimentary colors.



95, 8.963, 238.226



98, 2.904, 237.495



97, 15.739, 154.755



52, 2.061, 237.533



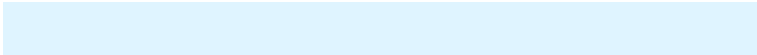
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 8.963, 238.226



94, 10.667, 238.497



91, 13.907, 283.860



51, 4.086, 237.920



50, 42.569, 263.896



16, 18.227, 256.643

Inverse Universe

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



92, 15.740, 336.981



90, 18.855, 337.173



98, 13.667, 100.921



50, 7.117, 336.744



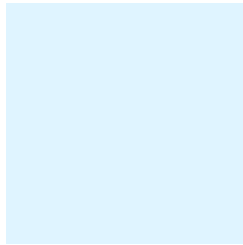
42, 72.400, 348.272



11, 34.143, 345.094

Previews

White Background



This preview shows how the CIELCh color 95, 8.967, 238.274 looks on a white background.

Color Contrast Check

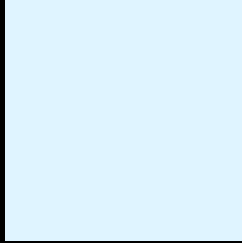
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 95, 8.967, 238.274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

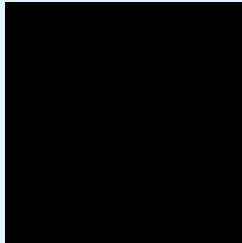
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

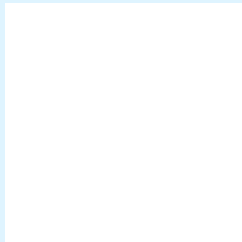
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 8.967, 238.274

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.967, 238.274.



This preview shows how white text looks on a background with the CIELCh color 95, 8.967, 238.274.

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, 8.967, 238.274

Protanopia

95, 6.735, 296.600

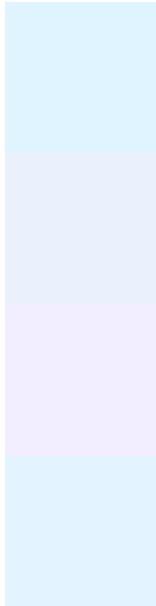
Deuteranopia

95, 12.916, 323.570



Tritanopia
95, 7.757, 258.918

Trichromacy



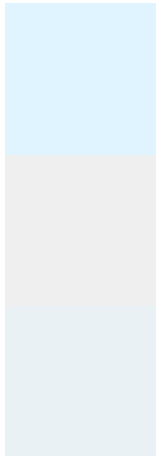
Original Color
95, 8.967, 238.274

Protanomaly
95, 6.578, 269.254

Deuteranomaly
95, 8.941, 301.971

Tritanomaly
95, 8.125, 248.708

Monochromacy



Original Color
95, 8.967, 238.274

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 3.433, 236.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 8.967, 238.274 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(223, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 244, 255)  
}
```

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(223, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 244, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.967, 238.274 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(223, 244, 255) }
```

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

```
.border{ border-color:rgb(223, 244, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 244, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 244, 255); box-shadow:4px 4px 4px 4px rgb(223, 244, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.967, 238.274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 244, 255) }
```

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

```
.background{ background-color: rgb(223,  
244, 255) }
```

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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