

Converting Colors

CIELCh(100, 71.454, 291.002)

Have a look what the booklet for
CIELCh(100, 71.454, 291.002)
contains.

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Color

CIELCh(95, 8.405, 236.852)

Conversions

Conversions Part 1

Format	Color
Hex	E0F4FE
RGB	224, 244, 254
RGB Percent	88%, 96%, 100%
CMY	0.1219, 0.0435, 0.0044
CMYK	0.12, 0.04, 0.00, 0.00
HSL	200°, 93%, 94%
HSV	200°, 12%, 100%
XYZ	80.9017, 87.6183, 106.3172
YIQ	239.1600, -15.1300, -1.1300

Conversions

Conversions Part 2

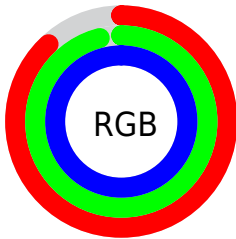
Format	Color
R _Y B	224, 236, 254
Decimal	14742782
CIE Lab	95.00, -4.60, -7.04
CIE LCh	95, 8.405, 236.852
Yxy	87.6183, 0.2944, 0.3188
Android (android.graphics.Color)	4292932862 (0xFFE0F4FE)
YUV	239.1600, 7.3161, -13.2953
Hunter-Lab	93.6047, -9.5322, -1.8189

Details

The CIELCh color `95, 8.405, 236.852` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 8.927, 54.683`, 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, 8.187, 235.535` is the 20% darker color. If you saturate the color by 10%, you get `91, 15.194, 237.984`, and if you desaturate by 10%, it is `99, 1.313, 236.269`.

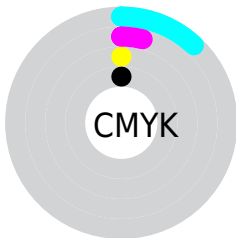
Distribution



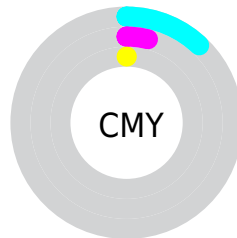
- Red (88%)
- Green (96%)
- Blue (100%)



- Red (88%)
- Yellow (93%)
- Blue (100%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.405, 236.852 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, 8.405, 236.852 by changing the saturation by 10% instead.

 95, 8.405, 236.852

 95, 8.405, 236.852

 100, 8.405,
236.852

 85, 8.405, 236.852

 75, 8.405, 236.852

 65, 8.405, 236.852

 55, 8.405, 236.852

 45, 8.405, 236.852

 35, 8.405, 236.852

 25, 8.405, 236.852

 15, 8.405, 236.852

 5, 8.405, 236.852

95, 8.405, 236.852

95, 8.405, 236.852

91, 15.194,
237.984

99, 1.313, 236.269

87, 21.607,
239.449

100, 0.553,
109.997

84, 27.565,
241.291

80, 32.999,
243.592

77, 37.868,
246.445

74, 42.172,
249.930

71, 45.983,
254.095

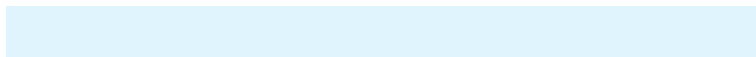
68, 49.458,
258.907

■ 66, 52.243,
263.149

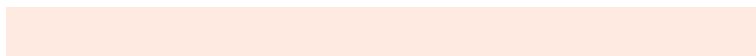
Harmonies

Complementary

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



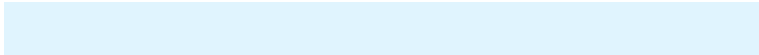
95, 8.405, 236.852



94, 8.927, 54.683

Rectangle

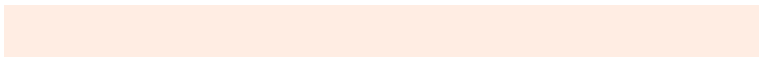
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 8.405, 236.852



95, 8.405, 286.852



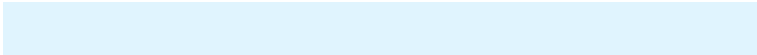
95, 8.405, 56.852



95, 8.405, 106.852

Sweetspot

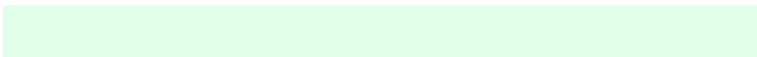
The Sweet Spot groups the original color and five complimentary colors.



95, 8.405, 236.837



98, 2.901, 236.216



97, 14.942, 154.130



52, 2.059, 236.252



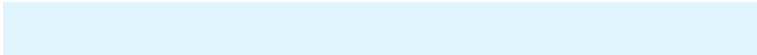
0, 0.000, 0.000



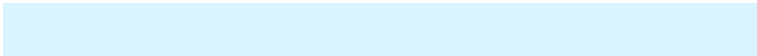
53, 0.007, 296.813

Same Dimension

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



95, 8.405, 236.837



95, 9.957, 237.063



91, 12.787, 282.834



51, 4.080, 236.618



51, 41.782, 262.183



16, 17.971, 254.957

Inverse Universe

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



92, 14.861, 336.479



91, 17.713, 336.649



98, 12.595, 100.036



50, 7.168, 336.302



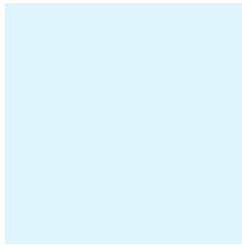
42, 72.825, 347.467



11, 34.340, 344.432

Previews

White Background



This preview shows how the CIE LCh color 95, 8.405, 236.852 looks on a white background.

Color Contrast Check

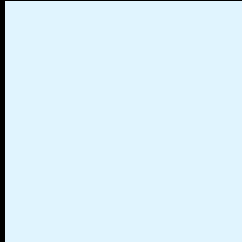
Large Text (above 18pt) WCAG AA × Fail

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, 8.405, 236.852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

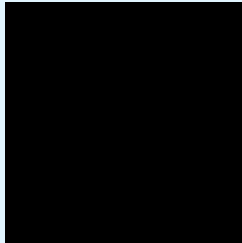
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

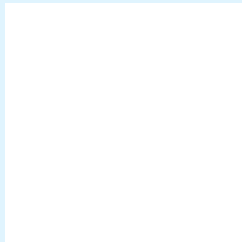
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 8.405, 236.852

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.405, 236.852.



This preview shows how white text looks on a background with the CIELCh color 95, 8.405, 236.852.

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](#).

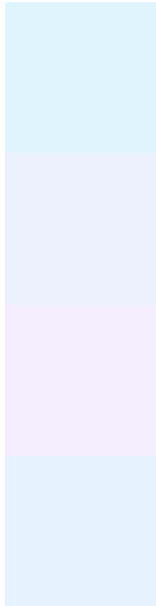
Dichromacy





Tritanopia
95, 7.757, 258.918

Trichromacy



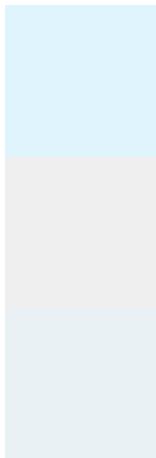
Original Color
95, 8.411, 236.856

Protanomaly
95, 5.985, 270.454

Deuteranomaly
95, 9.018, 304.126

Tritanomaly
95, 7.912, 250.551

Monochromacy



Original Color
95, 8.411, 236.856

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 2.868, 232.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 8.405, 236.852 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(224, 244, 254)` looks like.

```
.text, #text, p{  
    color:rgb(224, 244, 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(224, 244, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 244, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.405, 236.852 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(224, 244, 254) }
```

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

```
.border{ border-color:rgb(224, 244, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 244, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 244, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 244, 254);  
box-shadow:4px 4px 4px 4px rgb(224, 244,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.405, 236.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 244, 254) }
```

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

```
.background{ background-color: rgb(224,  
244, 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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