

Converting Colors

CIELCh(96, 31.392, 284.148)

Have a look what the booklet for
CIELCh(96, 31.392, 284.148)
contains.

CIELCh(95, 8.539, 256.933)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 8.539, 256.933)

Conversions

Conversions Part 1

Format	Color
Hex	E4F2FF
RGB	228, 242, 255
RGB Percent	89%, 95%, 100%
CMY	0.1043, 0.0494, 0.0000
CMYK	0.10, 0.05, 0.00, 0.00
HSL	208°, 100%, 95%
HSV	208°, 10%, 100%
XYZ	82.2745, 87.6183, 108.3892
YIQ	239.2960, -12.5170, 1.0750

Conversions

Conversions Part 2

Format	Color
R _Y B	228, 237, 255
Decimal	15004415
CIE Lab	95.00, -1.93, -8.32
CIE LCh	95, 8.539, 256.933
Yxy	87.6183, 0.2957, 0.3149
Android (android.graphics.Color)	4293194495 (0xFFE4F2FF)
YUV	239.2960, 7.7421, -9.9066
Hunter-Lab	93.6047, -6.9142, -3.1314

Details

The CIELCh color `95, 8.539, 256.933` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 8.189, 71.156`, 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, 8.064, 252.875` is the 20% darker color. If you saturate the color by 10%, you get `90, 15.444, 255.381`, and if you desaturate by 10%, it is `100, 0.339, 253.881`.

Distribution



- Red (89%)
- Green (95%)
- Blue (100%)



- Red (89%)
- Yellow (93%)
- Blue (100%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.539, 256.933 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, 8.539, 256.933 by changing the saturation by 10% instead.

95, 8.539, 256.933

95, 8.539, 256.933

100, 8.539,
256.933

85, 8.539, 256.933

75, 8.539, 256.933

65, 8.539, 256.933

55, 8.539, 256.933

45, 8.539, 256.933

35, 8.539, 256.933

25, 8.539, 256.933

15, 8.539, 256.933

5, 8.539, 256.933

95, 8.539, 256.933

95, 8.539, 256.933

90, 15.444,
255.381

100, 0.339,
253.881

85, 22.785,
257.225

100, 0.012,
296.813

81, 29.938,
259.444

76, 36.882,
262.103

72, 43.618,
265.262

68, 50.190,
268.954

64, 56.690,
273.159

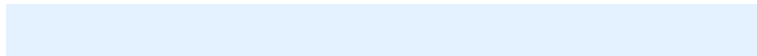
60, 63.249,
277.770

■ 56, 69.723,
282.299

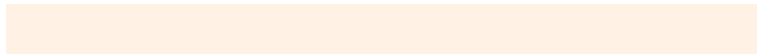
Harmonies

Complementary

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



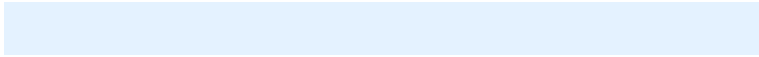
95, 8.539, 256.933



96, 8.189, 71.156

Rectangle

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



95, 8.539, 256.933



95, 8.539, 306.933



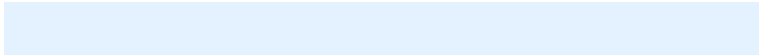
95, 8.539, 76.933



95, 8.539, 126.933

Sweetspot

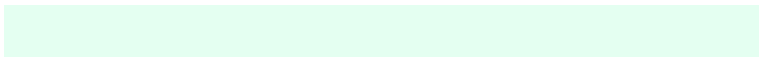
The Sweet Spot groups the original color and five complimentary colors.



95, 7.949, 253.861



99, 2.302, 253.019



98, 11.847, 161.076



52, 1.743, 253.077



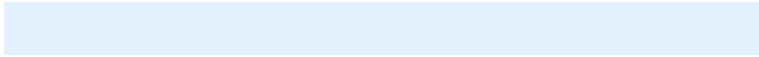
0, 0.000, 0.000



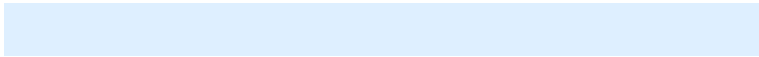
53, 0.007, 296.813

Same Dimension

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



95, 7.949, 253.861



94, 9.886, 254.221



92, 13.323, 289.946



51, 4.335, 253.737



43, 55.226, 281.426



13, 22.611, 274.666

Inverse Universe

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



93, 11.938, 343.056



92, 14.918, 343.289



99, 13.023, 107.773



50, 6.499, 342.972



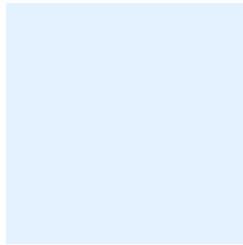
41, 68.610, 359.578



11, 32.148, 354.400

Previews

White Background



This preview shows how the CIELCh color 95, 8.539, 256.933 looks on a white background.

Color Contrast Check

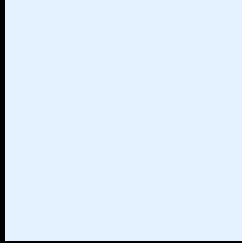
Large Text (above 18pt) WCAG AA × Fail

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, 8.539, 256.933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

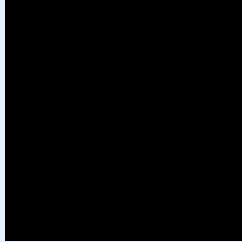
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

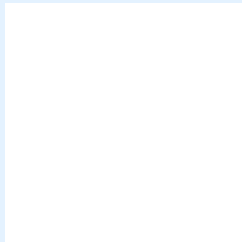
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 8.539, 256.933

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.539, 256.933.



This preview shows how white text looks on a background with the CIELCh color 95, 8.539, 256.933.

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

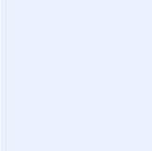
95, 8.117, 254.824

Protanopia

95, 7.246, 296.212

Deuteranopia

95, 12.916, 323.570



Tritanopia
95, 7.647, 269.812

Trichromacy



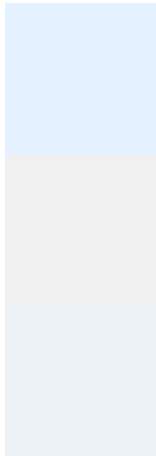
Original Color
95, 8.117, 254.824

Protanomaly
95, 7.305, 279.917

Deuteranomaly
95, 9.706, 307.427

Tritanomaly
95, 7.592, 261.110

Monochromacy



Original Color
95, 8.117, 254.824

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.678, 249.777

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 8.539, 256.933 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(228, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 242, 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(228, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 242, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.539, 256.933 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(228, 242, 255) }
```

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

```
.border{ border-color:rgb(228, 242, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(228, 242,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.539, 256.933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 242, 255) }
```

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

```
.background{ background-color: rgb(228,  
242, 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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