

Converting Colors

CIELCh(96, 23.318, 285.259)

Have a look what the booklet for
CIELCh(96, 23.318, 285.259)
contains.

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Color

CIELCh(95, 7.296, 265.787)

Conversions

Conversions Part 1

Format	Color
Hex	E8F1FE
RGB	232, 241, 254
RGB Percent	91%, 95%, 100%
CMY	0.0883, 0.0530, 0.0021
CMYK	0.09, 0.05, 0.00, 0.00
HSL	215°, 95%, 95%
HSV	215°, 9%, 100%
XYZ	82.9990, 87.6183, 106.7020
YIQ	239.7910, -9.5370, 2.1350

Conversions

Conversions Part 2

Format	Color
R _Y B	232, 238, 254
Decimal	15266302
CIE Lab	95.00, -0.54, -7.28
CIE LCh	95, 7.296, 265.787
Yxy	87.6183, 0.2993, 0.3159
Android (android.graphics.Color)	4293456382 (0xFFE8F1FE)
YUV	239.7910, 7.0050, -6.8327
Hunter-Lab	93.6047, -5.5327, -2.0627

Details

The CIELCh color `95, 7.296, 265.787` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 7.354, 83.414`, 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, 7.173, 264.211` is the 20% darker color. If you saturate the color by 10%, you get `89, 15.769, 267.304`, and if you desaturate by 10%, it is `100, 0.254, 109.855`.

Distribution



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



- Red (91%)
- Yellow (93%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.296, 265.787 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, 7.296, 265.787 by changing the saturation by 10% instead.

95, 7.296, 265.787

95, 7.296, 265.787

100, 7.296,
265.787

85, 7.296, 265.787

75, 7.296, 265.787

65, 7.296, 265.787

55, 7.296, 265.787

45, 7.296, 265.787

35, 7.296, 265.787

25, 7.296, 265.787

15, 7.296, 265.787

5, 7.296, 265.787

95, 7.296, 265.787

95, 7.296, 265.787

89, 15.769,
267.304

100, 0.254,
109.855

84, 24.280,
269.129

78, 32.823,
271.284

73, 41.403,
273.820

68, 50.049,
276.776

63, 58.811,
280.164

58, 67.757,
283.942

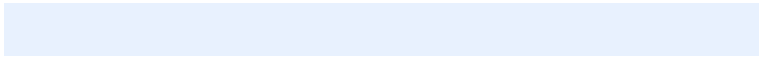
53, 76.939,
287.987

■ 49, 86.333,
292.063

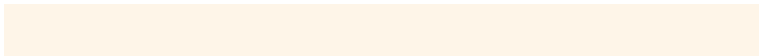
Harmonies

Complementary

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



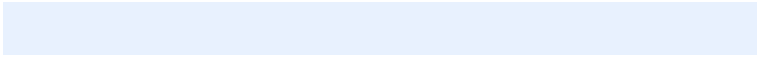
95, 7.296, 265.787



97, 7.354, 83.414

Rectangle

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



95, 7.296, 265.787



95, 7.296, 315.787



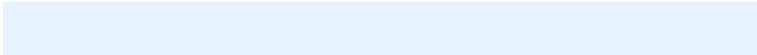
95, 7.296, 85.787



95, 7.296, 135.787

Sweetspot

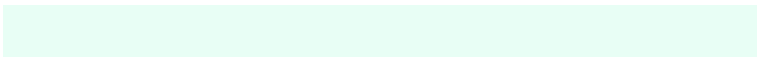
The Sweet Spot groups the original color and five complimentary colors.



95, 7.295, 265.772



98, 2.539, 265.088



98, 9.015, 167.687



52, 1.923, 265.164



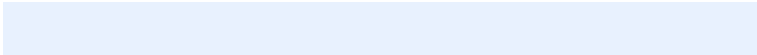
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 7.295, 265.772



94, 8.458, 265.963



93, 11.393, 294.227



50, 4.808, 265.893



36, 69.400, 291.858



10, 27.899, 286.060

Inverse Universe

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



94, 9.125, 349.575



93, 10.600, 349.713



99, 11.162, 112.726



50, 6.022, 349.663



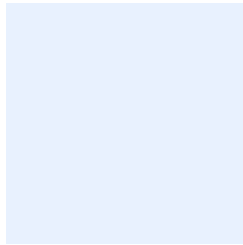
41, 68.222, 10.907



10, 31.321, 4.003

Previews

White Background



This preview shows how the CIELCh color 95, 7.296, 265.787 looks on a white background.

Color Contrast Check

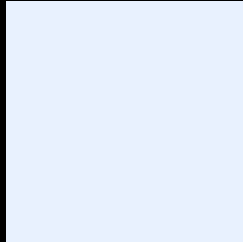
Large Text (above 18pt) WCAG AA × Fail

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, 7.296, 265.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

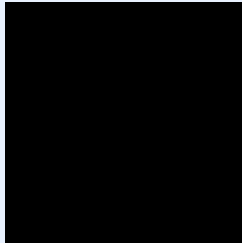
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

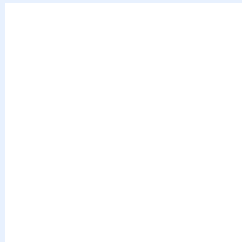
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.296, 265.787

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.296, 265.787.



This preview shows how white text looks on a background with the CIELCh color 95, 7.296, 265.787.

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

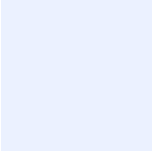
95, 7.302, 265.792

Protanopia

95, 7.246, 296.212

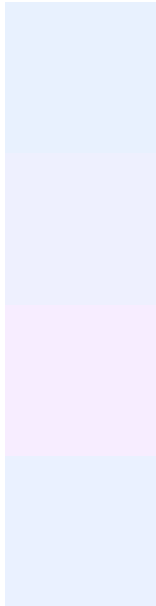
Deuteranopia

95, 13.109, 324.873



Tritanopia
95, 7.445, 274.736

Trichromacy



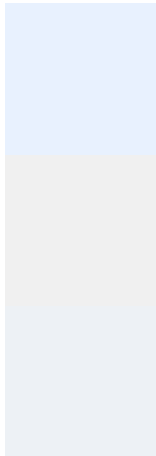
Original Color
95, 7.302, 265.792

Protanomaly
95, 7.220, 285.280

Deuteranomaly
95, 9.931, 311.271

Tritanomaly
95, 7.540, 272.239

Monochromacy



Original Color
95, 7.302, 265.792

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.472, 255.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.296, 265.787 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(232, 241, 254)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 241, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 241, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.296, 265.787 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(232, 241, 254) }
```

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

```
.border{ border-color:rgb(232, 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(232, 241, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 241, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 241, 254);  
box-shadow:4px 4px 4px 4px rgb(232, 241,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.296, 265.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 241, 254) }
```

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

```
.background{ background-color: rgb(232,  
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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