

Converting Colors

CIELCh(100, 62.722, 292.956)

Have a look what the booklet for
CIELCh(100, 62.722, 292.956)
contains.

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Color

CIELCh(96, 5.622, 265.276)

Conversions

Conversions Part 1

Format	Color
Hex	EDF4FE
RGB	237, 244, 254
RGB Percent	93%, 96%, 100%
CMY	0.0699, 0.0424, 0.0033
CMYK	0.07, 0.04, 0.00, 0.00
HSL	215°, 91%, 96%
HSV	215°, 7%, 100%
XYZ	85.3038, 90.0078, 106.7838
YIQ	243.0470, -7.3820, 1.6260

Conversions

Conversions Part 2

Format	Color
R _Y B	237, 242, 254
Decimal	15594750
CIE Lab	96.00, -0.46, -5.60
CIE LCh	96, 5.622, 265.276
Yxy	90.0078, 0.3024, 0.3191
Android (android.graphics.Color)	4293784830 (0xFFEDF4FE)
YUV	243.0470, 5.3998, -5.3032
Hunter-Lab	94.8724, -5.5299, -0.3232

Details

The CIELCh color **96, 5.622, 265.276** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 5.649, 83.397**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 5.418, 262.995** is the 20% darker color. If you saturate the color by 10%, you get **90, 14.053, 266.728**, and if you desaturate by 10%, it is **100, 0.410, 109.959**.

Distribution



- Red (93%)
- Green (96%)
- Blue (100%)



- Red (93%)
- Yellow (95%)
- Blue (100%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.622, 265.276 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 96, 5.622, 265.276 by changing the saturation by 10% instead.

 96, 5.622, 265.276

 96, 5.622, 265.276

 100, 5.622,
265.276

 86, 5.622, 265.276

 76, 5.622, 265.276

 66, 5.622, 265.276

 56, 5.622, 265.276

 46, 5.622, 265.276

 36, 5.622, 265.276

 26, 5.622, 265.276

 16, 5.622, 265.276

 6, 5.622, 265.276

96, 5.622, 265.276

96, 5.622, 265.276

90, 14.053,
266.728

100, 0.410,
109.959

85, 22.520,
268.494

79, 31.013,
270.583

74, 39.537,
273.043

69, 48.113,
275.918

64, 56.786,
279.229

59, 65.625,
282.946

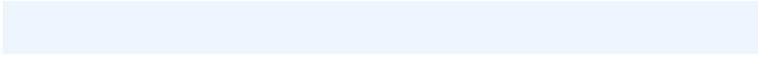
54, 74.690,
286.965

■ 50, 83.980,
291.086

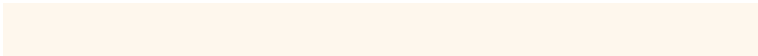
Harmonies

Complementary

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



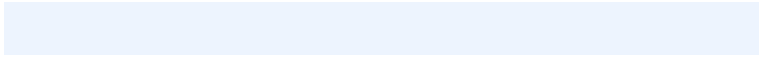
96, 5.622, 265.276



98, 5.649, 83.397

Rectangle

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



96, 5.622, 265.276



96, 5.622, 315.276



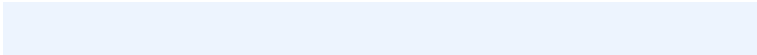
96, 5.622, 85.276



96, 5.622, 135.276

Sweetspot

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



96, 5.621, 265.255



99, 1.691, 264.775



98, 6.967, 167.883



53, 0.961, 264.773



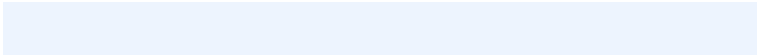
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



96, 5.621, 265.255



96, 6.746, 265.430



94, 8.772, 294.044



50, 4.795, 265.639



37, 69.056, 291.660



10, 27.767, 285.839

Inverse Universe

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



95, 7.042, 349.207



95, 8.468, 349.342



99, 8.626, 112.891



50, 6.032, 349.496



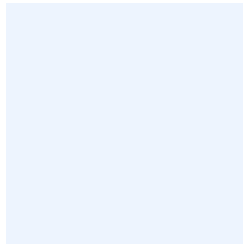
41, 68.195, 10.641



10, 31.328, 3.771

Previews

White Background



This preview shows how the CIELCh color 96, 5.622, 265.276 looks on a white background.

Color Contrast Check

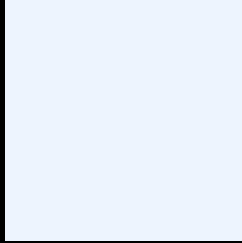
Large Text (above 18pt) WCAG AA × Fail

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 96, 5.622, 265.276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

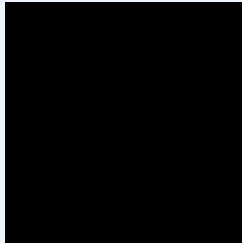
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

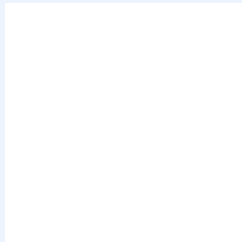
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 5.622, 265.276

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.622, 265.276.



This preview shows how white text looks on a background with the CIELCh color 96, 5.622, 265.276.

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

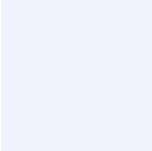
96, 5.626, 265.279

Protanopia

96, 5.757, 301.029

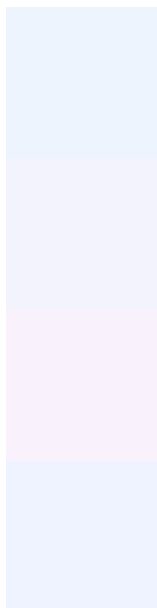
Deuteranopia

96, 8.376, 332.702



Tritanopia
96, 6.226, 281.124

Trichromacy



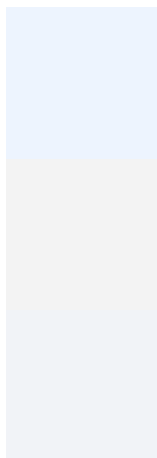
Original Color
96, 5.626, 265.279

Protanomaly
96, 5.139, 286.728

Deuteranomaly
96, 6.331, 316.739

Tritanomaly
96, 6.286, 278.034

Monochromacy



Original Color
96, 5.626, 265.279

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.164, 271.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.622, 265.276 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(237, 244, 254)` looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 244, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 244, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.622, 265.276 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(237, 244, 254) }
```

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

```
.border{ border-color:rgb(237, 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(237, 244, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 244, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 244, 254);  
box-shadow:4px 4px 4px 4px rgb(237, 244,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.622, 265.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 244, 254) }
```

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

```
.background{ background-color: rgb(237,  
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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