

Converting Colors

CIELCh(97, 18.912, 276.084)

Have a look what the booklet for
CIELCh(97, 18.912, 276.084)
contains.

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Color

CIELCh(96, 6.755, 236.628)

Conversions

Conversions Part 1

Format	Color
Hex	E6F6FE
RGB	230, 246, 254
RGB Percent	90%, 96%, 100%
CMY	0.0974, 0.0347, 0.0034
CMYK	0.09, 0.03, 0.00, 0.00
HSL	200°, 93%, 95%
HSV	200°, 9%, 100%
XYZ	83.5895, 90.0078, 106.8456
YIQ	242.1280, -12.1040, -0.9040

Conversions

Conversions Part 2

Format	Color
R _{YB}	230, 240, 254
Decimal	15136510
CIE Lab	96.00, -3.72, -5.64
CIE LCh	96, 6.755, 236.628
Yxy	90.0078, 0.2981, 0.3209
Android (android.graphics.Color)	4293326590 (0xFFE6F6FE)
YUV	242.1280, 5.8529, -10.6363
Hunter-Lab	94.8724, -8.7554, -0.3618

Details

The CIELCh color `96, 6.755, 236.628` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 7.081, 54.846`, 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, 6.757, 233.088` is the 20% darker color. If you saturate the color by 10%, you get `92, 13.628, 237.682`, and if you desaturate by 10%, it is `100, 0.266, 79.147`.

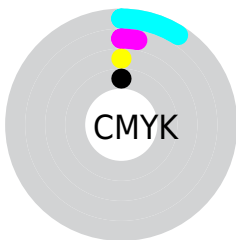
Distribution



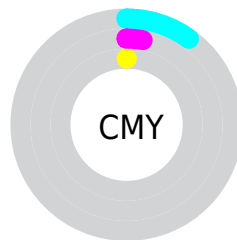
- Red (90%)
- Green (96%)
- Blue (100%)



- Red (90%)
- Yellow (94%)
- Blue (100%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 6.755, 236.628 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, 6.755, 236.628 by changing the saturation by 10% instead.

 96, 6.755, 236.628

 96, 6.755, 236.628

 100, 6.755,
236.628

 86, 6.755, 236.628

 76, 6.755, 236.628

 66, 6.755, 236.628

 56, 6.755, 236.628

 46, 6.755, 236.628

 36, 6.755, 236.628

 26, 6.755, 236.628

 16, 6.755, 236.628

 6, 6.755, 236.628

96, 6.755, 236.628

96, 6.755, 236.628

92, 13.628,
237.682

100, 0.266, 79.147

88, 20.142,
239.068

100, 0.427,
109.965

85, 26.219,
240.813

81, 31.787,
242.998

78, 36.795,
245.712

75, 41.232,
249.041

72, 45.152,
253.045

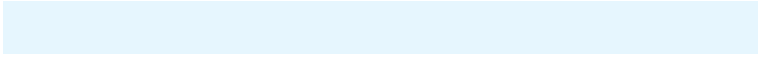
69, 48.690,
257.713

■ 66, 52.084,
262.863

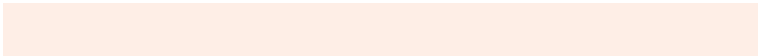
Harmonies

Complementary

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



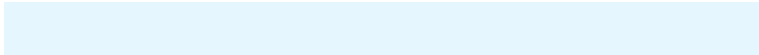
96, 6.755, 236.628



95, 7.081, 54.846

Rectangle

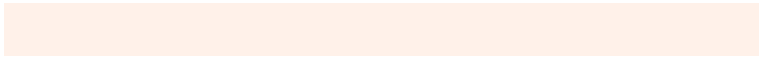
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 6.755, 236.628



96, 6.755, 286.628



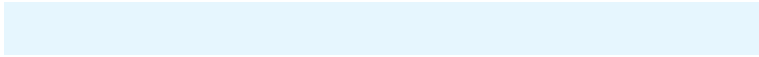
96, 6.755, 56.628



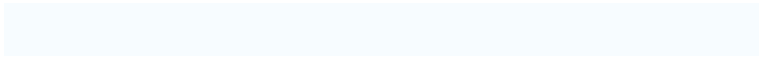
96, 6.755, 106.628

Sweetspot

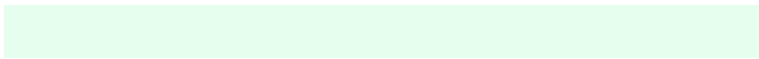
The Sweet Spot groups the original color and five complimentary colors.



96, 6.755, 236.609



99, 2.181, 236.192



98, 11.940, 154.322



52, 1.650, 236.206



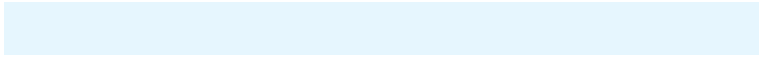
0, 0.000, 0.000



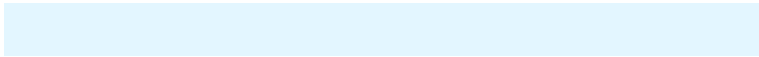
53, 0.007, 296.813

Same Dimension

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



96, 6.755, 236.609



96, 7.871, 236.755



93, 10.195, 282.528



51, 4.080, 236.615



51, 41.781, 262.179



16, 17.971, 254.953

Inverse Universe

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



94, 11.866, 336.296



93, 13.886, 336.416



98, 10.066, 100.305



50, 7.169, 336.301



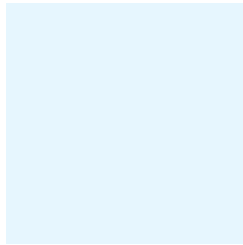
42, 72.826, 347.465



11, 34.340, 344.431

Previews

White Background



This preview shows how the CIELCh color 96, 6.755, 236.628 looks on a white background.

Color Contrast Check

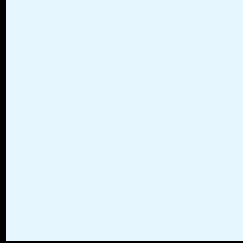
Large Text (above 18pt) WCAG AA × Fail

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, 6.755, 236.628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

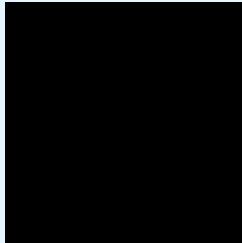
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

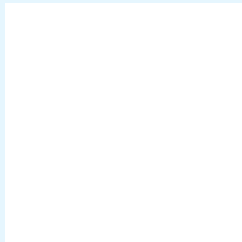
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 6.755, 236.628

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.755, 236.628.



This preview shows how white text looks on a background with the CIELCh color 96, 6.755, 236.628.

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](#).

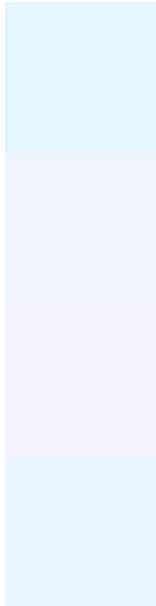
Dichromacy





Tritanopia
96, 6.091, 267.411

Trichromacy



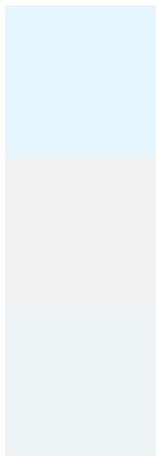
Original Color
96, 6.760, 236.631

Protanomaly
96, 4.797, 273.822

Deuteranomaly
96, 5.834, 304.383

Tritanomaly
96, 6.110, 256.507

Monochromacy



Original Color
96, 6.760, 236.631

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 2.318, 225.836

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 6.755, 236.628 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(230, 246, 254)` looks like.

```
.text, #text, p{  
    color:rgb(230, 246, 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(230, 246, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 246, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.755, 236.628 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(230, 246, 254) }
```

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

```
.border{ border-color:rgb(230, 246, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 246, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 246, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 246, 254);  
box-shadow:4px 4px 4px 4px rgb(230, 246,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.755, 236.628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 246, 254) }
```

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

```
.background{ background-color: rgb(230,  
246, 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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