

Converting Colors

CIELCh(96, 5.970, 222.848)

Have a look what the booklet for
CIELCh(96, 5.970, 222.848) contains.

CIELCh(96, 6.012, 224.472)	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(96, 6.012, 224.472)

Conversions

Conversions Part 1

Format	Color
Hex	E6F6FB
RGB	230, 246, 251
RGB Percent	90%, 96%, 98%
CMY	0.0966, 0.0338, 0.0142
CMYK	0.08, 0.02, 0.00, 0.01
HSL	194°, 74%, 94%
HSV	194°, 8%, 99%
XYZ	83.2892, 90.0078, 104.5567
YIQ	241.7860, -11.1410, -1.8370

Conversions

Conversions Part 2

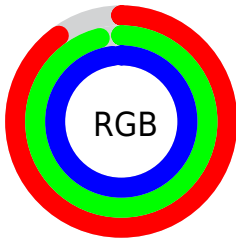
Format	Color
R_{YB}	230, 239, 251
Decimal	15136507
CIE _{Lab}	96.00, -4.29, -4.21
CIE _{LCh}	96, 6.012, 224.472
Yxy	90.0078, 0.2998, 0.3239
Android (android.graphics.Color)	4293326587 (0xFFE6F6FB)
YUV	241.7860, 4.5425, -10.3363
Hunter-Lab	94.8724, -9.3204, 1.0686

Details

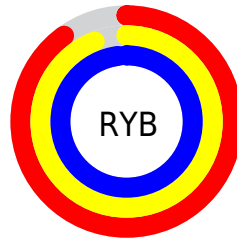
The CIELCh color `96, 6.012, 224.472` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 6.320, 43.548`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `76, 6.269, 224.574` is the 20% darker color. If you saturate the color by 10%, you get `93, 12.865, 225.018`, and if you desaturate by 10%, it is `99, 1.044, 47.297`.

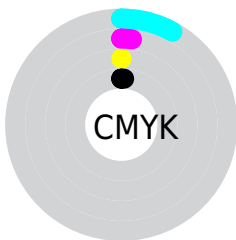
Distribution



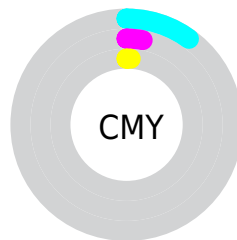
- Red (90%)
- Green (96%)
- Blue (98%)



- Red (90%)
- Yellow (94%)
- Blue (98%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)





- Cyan (10%)
- Magenta (3%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 6.012, 224.472 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, 6.012, 224.472 by changing the saturation by 10% instead.

 96, 6.012, 224.472

 96, 6.012, 224.472

 100, 6.012,
224.472

 86, 6.012, 224.472


 76, 6.012, 224.472

 66, 6.012, 224.472

 56, 6.012, 224.472

 46, 6.012, 224.472

 36, 6.012, 224.472

 26, 6.012, 224.472

 16, 6.012, 224.472

 6, 6.012, 224.472

96, 6.012, 224.472

96, 6.012, 224.472

93, 12.865,
225.018

99, 1.044, 47.297

90, 19.260,
225.843

100, 1.829,
109.999

87, 25.091,
226.953

84, 30.256,
228.417

81, 34.664,
230.316

79, 38.261,
232.744

77, 41.048,
235.794

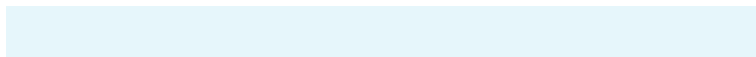
75, 43.109,
239.532

■ 73, 44.648,
243.932

Harmonies

Complementary

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



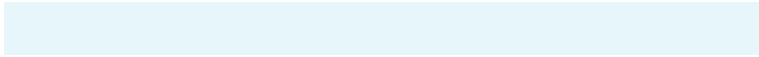
96, 6.012, 224.472



94, 6.320, 43.548

Rectangle

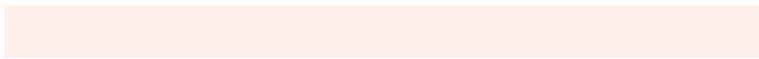
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 6.012, 224.472



96, 6.012, 274.472



96, 6.012, 44.472



96, 6.012, 94.472

Sweetspot

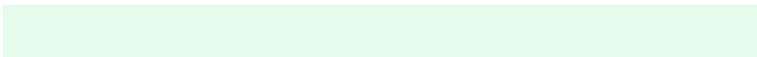
The Sweet Spot groups the original color and five complimentary colors.



96, 6.012, 224.450



99, 2.212, 224.372



97, 11.134, 151.197



53, 1.673, 224.348



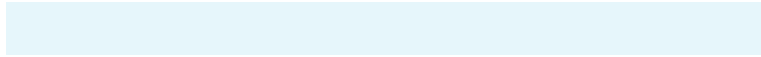
0, 0.000, 0.000



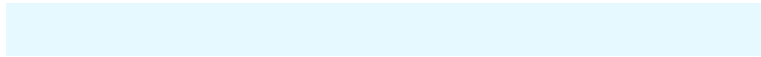
53, 0.007, 296.813

Same Dimension

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



96, 6.012, 224.450



97, 7.249, 224.523



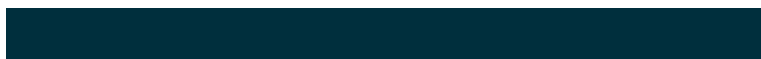
93, 8.140, 277.174



51, 4.059, 224.499



56, 36.040, 243.796



17, 15.924, 237.364

Inverse Universe

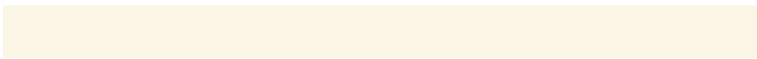
The Inverse Universe completely reimagines the original color for something new.



93, 11.138, 332.397



94, 13.500, 332.512



97, 8.091, 95.065



49, 7.547, 332.476



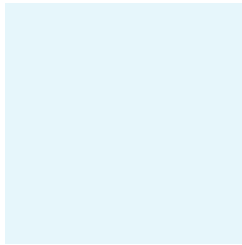
42, 76.748, 340.579



11, 35.487, 338.663

Previews

White Background



This preview shows how the CIELCh color 96, 6.012, 224.472 looks on a white background.

Color Contrast Check

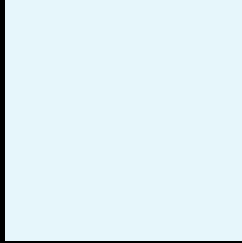
Large Text (above 18pt) WCAG AA × Fail

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, 6.012, 224.472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

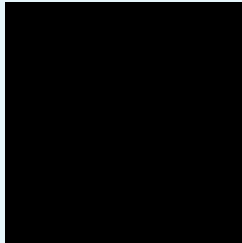
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

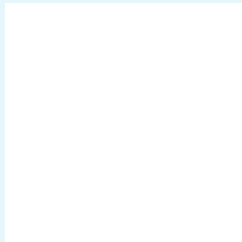
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 6.012, 224.472

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.012, 224.472.



This preview shows how white text looks on a background with the CIELCh color 96, 6.012, 224.472.

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](#).

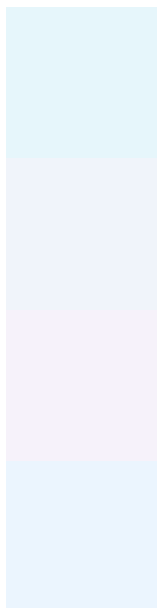
Dichromacy





Tritanopia
96, 6.091, 267.411

Trichromacy



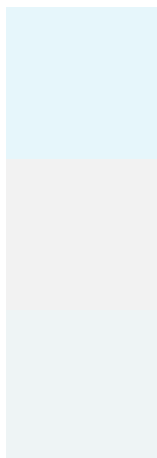
Original Color
96, 6.012, 224.472

Protanomaly
96, 3.359, 266.036

Deuteranomaly
96, 4.358, 309.177

Tritanomaly
96, 5.697, 253.537

Monochromacy



Original Color
96, 6.012, 224.472

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 2.151, 213.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 6.012, 224.472 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(230, 246, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 246, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.012, 224.472 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, 251) }
```

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

```
.border{ border-color:rgb(230, 246, 251) }
```

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, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 246, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 246, 251);  
box-shadow:4px 4px 4px 4px rgb(230, 246,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.012, 224.472 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, 251) }
```

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

```
.background{ background-color: rgb(230,  
246, 251) }
```

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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