

Converting Colors

CIELCh(96, 7.954, 227.272)

Have a look what the booklet for
CIELCh(96, 7.954, 227.272) contains.

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Color

CIELCh(96, 7.916, 226.095)

Conversions

Conversions Part 1

Format	Color
Hex	E2F7FE
RGB	226, 247, 254
RGB Percent	89%, 97%, 100%
CMY	0.1130, 0.0306, 0.0032
CMYK	0.11, 0.03, 0.00, 0.00
HSL	195°, 95%, 94%
HSV	195°, 11%, 100%
XYZ	82.6644, 90.0078, 106.9459
YIQ	241.5190, -14.7630, -2.2750

Conversions

Conversions Part 2

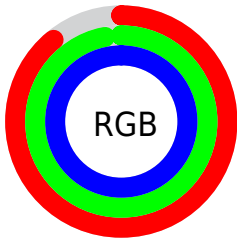
Format	Color
R _{YB}	226, 238, 254
Decimal	14874622
CIE Lab	96.00, -5.49, -5.70
CIE LCh	96, 7.916, 226.095
Yxy	90.0078, 0.2956, 0.3219
Android (android.graphics.Color)	4293064702 (0xFFE2F7FE)
YUV	241.5190, 6.1531, -13.6102
Hunter-Lab	94.8724, -10.4959, -0.4245

Details

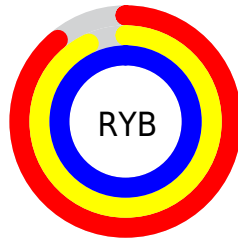
The CIELCh color `96, 7.916, 226.095` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 8.458, 44.864`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `76, 7.720, 223.776` is the 20% darker color. If you saturate the color by 10%, you get `93, 14.701, 226.784`, and if you desaturate by 10%, it is `99, 0.750, 226.288`.

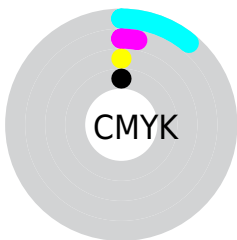
Distribution



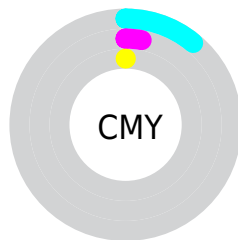
- Red (89%)
- Green (97%)
- Blue (100%)



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



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)




- Cyan (11%)
- Magenta (3%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 7.916, 226.095 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, 7.916, 226.095 by changing the saturation by 10% instead.

 96, 7.916, 226.095

 96, 7.916, 226.095

 100, 7.916,
226.095

 86, 7.916, 226.095

 76, 7.916, 226.095

 66, 7.916, 226.095


 56, 7.916, 226.095

 46, 7.916, 226.095

 36, 7.916, 226.095

 26, 7.916, 226.095

 16, 7.916, 226.095

 6, 7.916, 226.095

96, 7.916, 226.095

96, 7.916, 226.095

93, 14.701,
226.784

99, 0.750, 226.288

90, 21.009,
227.756

100, 0.396,
109.953

87, 26.736,
229.041

84, 31.784,
230.714

81, 36.074,
232.864

79, 39.566,
235.587

76, 42.289,
238.969

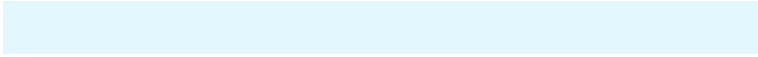
74, 44.361,
243.059

■ 72, 45.890,
247.233

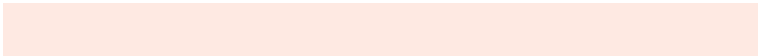
Harmonies

Complementary

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



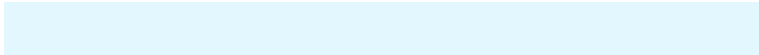
96, 7.916, 226.095



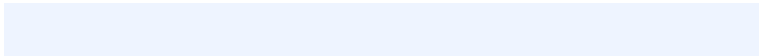
94, 8.458, 44.864

Rectangle

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



96, 7.916, 226.095



96, 7.916, 276.095



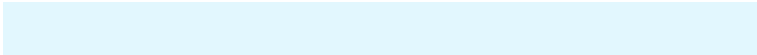
96, 7.916, 46.095



96, 7.916, 96.095

Sweetspot

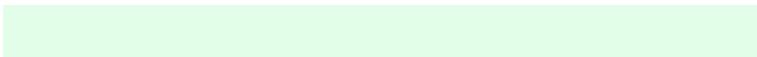
The Sweet Spot groups the original color and five complimentary colors.



96, 7.916, 226.079



99, 2.203, 225.830



97, 14.836, 150.996



53, 1.667, 225.811



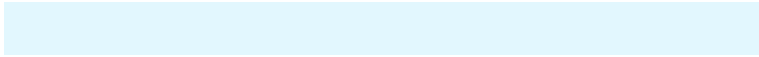
0, 0.000, 0.000



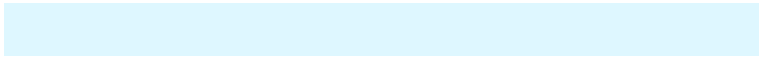
53, 0.007, 296.813

Same Dimension

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



96, 7.916, 226.079



96, 9.319, 226.198



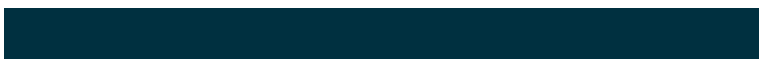
93, 10.859, 277.531



51, 4.111, 225.997



56, 36.869, 246.344



18, 16.489, 239.980

Inverse Universe

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



93, 14.719, 333.034



92, 17.436, 333.173



97, 10.788, 94.745



50, 7.608, 332.928



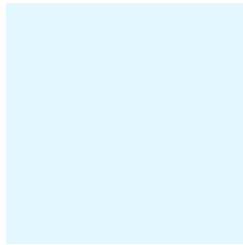
43, 76.856, 341.391



11, 36.125, 339.422

Previews

White Background



This preview shows how the CIELCh color 96, 7.916, 226.095 looks on a white background.

Color Contrast Check

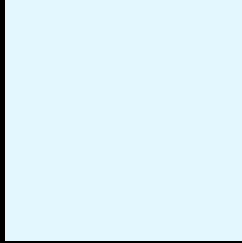
Large Text (above 18pt) WCAG AA × Fail

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, 7.916, 226.095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

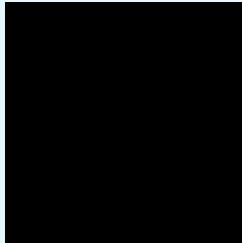
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

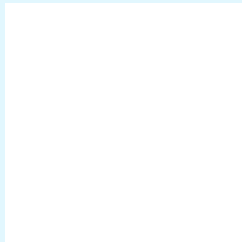
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 7.916, 226.095

Background



This preview shows how black text looks on a background with the CIELCh color 96, 7.916, 226.095.

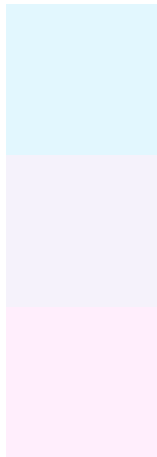


This preview shows how white text looks on a background with the CIELCh color 96, 7.916, 226.095.

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, 7.916, 226.095

Protanopia

96, 4.753, 303.229

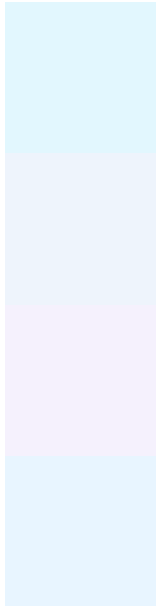
Deuteranopia

96, 9.381, 330.090



Tritanopia
96, 6.377, 261.736

Trichromacy



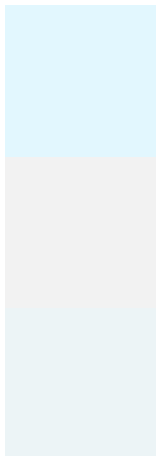
Original Color
96, 7.916, 226.095

Protanomaly
96, 4.566, 263.544

Deuteranomaly
96, 6.338, 303.298

Tritanomaly
96, 6.712, 249.205

Monochromacy



Original Color
96, 7.916, 226.095

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 2.953, 219.793

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 7.916, 226.095 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(226, 247, 254)` looks like.

```
.text, #text, p{  
    color:rgb(226, 247, 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(226, 247, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 247, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 7.916, 226.095 is called "border". The border property can be set on classes, ids or directly on the HTML element.

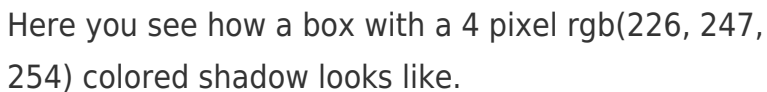
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 247, 254) }
```

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

```
.border{ border-color:rgb(226, 247, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 247, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 247, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 247, 254); box-shadow:4px 4px 4px 4px rgb(226, 247, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 7.916, 226.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 247, 254) }
```

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

```
.background{ background-color: rgb(226,  
247, 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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