Converting Colors

CIELCh(97, 6.577, 222.683)

Have a look what the booklet for CIELCh(97, 6.577, 222.683) contains.

Color

CIELCh(97, 6.608, 221.943)

Conversions

Conversions Part 1

Format	Color
Hex	E8FAFF
RGB	232, 250, 255
RGB Percent	91%, 98%, 100%
CMY	0.0916, 0.0210, 0.0014
CMYK	0.09, 0.02, 0.00, 0.00
HSL	193°, 97%, 95%
HSV	193°, 9%, 100%
XYZ	85.2286, 92.4403, 107.6534
YIQ	245.1880, -12.3330, -2.2610

Conversions

Conversions Part 2

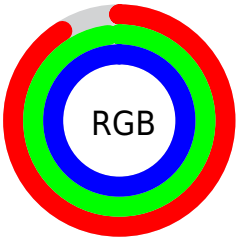
Format	Color
RYB	232, 242, 255
Decimal	15268607
CIELab	97.00, -4.92, -4.42
CIELCh	97, 6.608, 221.943
Yxy	92.4403, 0.2987, 0.3240
Android (android.graphics.Color)	4293458687 (0xFFE8FAFF)
YUV	245.1880, 4.8373, -11.5659
Hunter-Lab	96.1459, -10.0238, 0.9158

Details

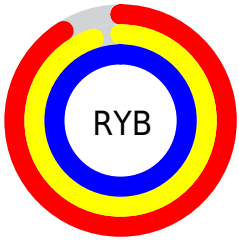
The CIELCh color 97, 6.608, 221.943 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 95, 6.986, 41.155, and the grayscale version is 96, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 77, 6.717, 217.700 is the 20% darker color. If you saturate the color by 10%, you get 94, 13.550, 222.398, and if you desaturate by 10%, it is 100, 0.171, 109.713.

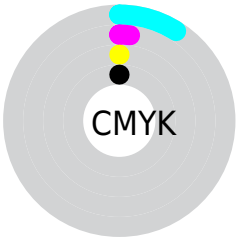
Distribution



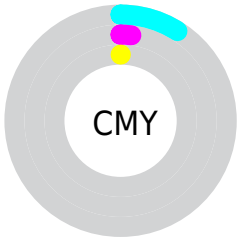
- Red (91%)
- Green (98%)
- Blue (100%)



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



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 6.608, 221.943 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 97, 6.608, 221.943 by changing the saturation by 10% instead.

97, 6.608, 221.943

100, 6.608, 221.943

97, 6.608, 221.943

87, 6.608, 221.943

77, 6.608, 221.943

67, 6.608, 221.943

57, 6.608, 221.943

47, 6.608, 221.943

37, 6.608, 221.943

27, 6.608, 221.943

17, 6.608, 221.943

7, 6.608, 221.943

97, 6.608, 221.943

94, 13.550, 222.398

91, 20.000, 223.113

88, 25.848, 224.098

86, 30.982, 225.417

83, 35.309, 227.148

81, 38.766, 229.380

79, 41.353, 232.205

77, 43.152, 235.693

97, 6.608, 221.943

100, 0.171, 109.713

 75, 44.376, 239.817

Harmonies

Complementary

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

97, 6.608, 221.943

95, 6.986, 41.155

Rectangle

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

97, 6.608, 221.943

97, 6.608, 271.943

97, 6.608, 41.943

97, 6.608, 91.943

Sweetspot

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

97, 6.608, 221.923

99, 2.231, 221.879

98, 12.313, 150.549

53, 1.688, 221.846

0, 0.000, 0.000

53, 0.007, 296.813

Same Dimension

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

97, 6.608, 221.923

97, 8.019, 221.996

94, 8.731, 276.100

52, 4.160, 221.939

58, 35.772, 239.417

19, 16.220, 233.725

Inverse Universe

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

94, 12.350, 331.682

93, 15.081, 331.816

98, 8.690, 93.792

50, 7.787, 331.714

43, 78.674, 339.257

11, 36.901, 337.647

Previews

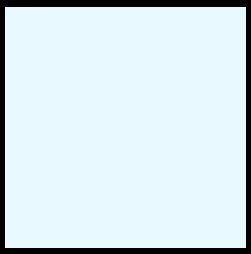
White Background

This preview shows how the CIELCh color 97, 6.608, 221.943 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



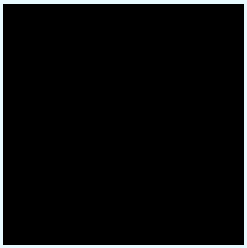
This preview shows how the CIELCh color 97, 6.608, 221.943 looks on a black background.

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 97, 6.608, 221.943 Background



This preview shows how black text looks on a background with the CIELCh color 97, 6.608, 221.943.

This preview shows how white text looks on a background with the CIELCh color 97, 6.608, 221.943.

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
97, 6.608, 221.943

Protanopia
97, 3.868, 311.597

Deuteranopia
97, 5.909, 335.926

Tritanopia
97, 4.556, 263.537

Trichromacy

Original Color
97, 6.608, 221.943

Protanomaly
97, 3.351, 266.031

Deuteranomaly
97, 3.666, 301.413

Tritanomaly
97, 4.917, 246.167

Monochromacy

Original Color
97, 6.608, 221.943

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.626, 222.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 6.608, 221.943 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, 250, 255) looks like.

```
.text, #text, p{
    color:rgb(232, 250, 255)
}
```

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, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 250, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 6.608, 221.943 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, 250, 255) }
```

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

```
.border{ border-color:rgb(232, 250, 255) }
```

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

Here you see how a box with a 4 pixel rgb(232, 250, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 250, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 250, 255); box-shadow:4px 4px 4px 4px rgb(232, 250, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 6.608, 221.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(232, 250, 255) }
```

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

```
.background{ background-color:rgb(232,
250, 255) }
```

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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