

Converting Colors

CIELCh(93, 8.997, 225.080)

Have a look what the booklet for
CIELCh(93, 8.997, 225.080) contains.

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Color

CIELCh(93, 9.051, 226.209)

Conversions

Conversions Part 1

Format	Color
Hex	D7EFF7
RGB	215, 239, 247
RGB Percent	84%, 94%, 97%
CMY	0.1565, 0.0624, 0.0310
CMYK	0.13, 0.03, 0.00, 0.03
HSL	195°, 67%, 91%
HSV	195°, 13%, 97%
XYZ	75.7456, 82.9670, 100.0904
YIQ	232.7360, -16.8720, -2.6000

Conversions

Conversions Part 2

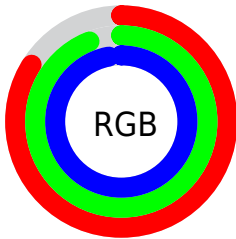
Format	Color
R _Y B	215, 229, 247
Decimal	14151671
CIE Lab	93.00, -6.26, -6.53
CIE LCh	93, 9.051, 226.209
Yxy	82.9670, 0.2927, 0.3206
Android (android.graphics.Color)	4292341751 (0xFFD7EFF7)
YUV	232.7360, 7.0322, -15.5545
Hunter-Lab	91.0862, -10.9636, -1.3906

Details

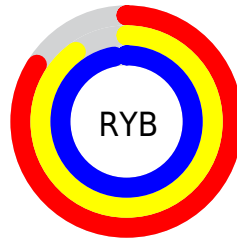
The CIELCh color `93, 9.051, 226.209` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `91, 9.792, 44.805`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 9.113, 227.454` is the 20% darker color. If you saturate the color by 10%, you get `90, 15.601, 226.950`, and if you desaturate by 10%, it is `96, 2.112, 225.835`.

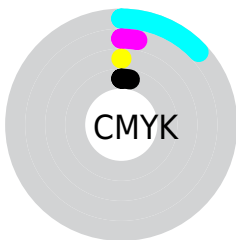
Distribution



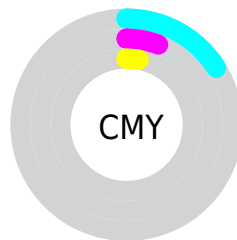
- Red (84%)
- Green (94%)
- Blue (97%)



- Red (84%)
- Yellow (90%)
- Blue (97%)



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)
- Black (3%)



- Cyan (16%)
- Magenta (6%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.051, 226.209 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 93, 9.051, 226.209 by changing the saturation by 10% instead.

■ 93, 9.051, 226.209

■ 93, 9.051, 226.209

■ 100, 9.051,
226.209

■ 83, 9.051, 226.209

■ 73, 9.051, 226.209

■ 63, 9.051, 226.209

■ 53, 9.051, 226.209

■ 43, 9.051, 226.209

■ 33, 9.051, 226.209

■ 23, 9.051, 226.209

■ 13, 9.051, 226.209

■ 3, 9.051, 226.209

93, 9.051, 226.209

93, 9.051, 226.209

90, 15.601,
226.950

96, 2.112, 225.835

87, 21.666,
227.975

99, 2.523, 80.125

84, 27.145,
229.324

100, 3.999,
109.860

81, 31.945,
231.077

79, 35.995,
233.322

76, 39.266,
236.156

74, 41.801,
239.660

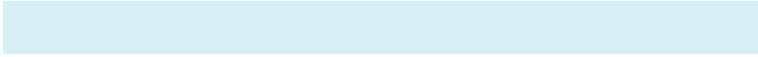
72, 43.731,
243.870

■ 71, 44.896,
247.158

Harmonies

Complementary

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



93, 9.051, 226.209



91, 9.792, 44.805

Rectangle

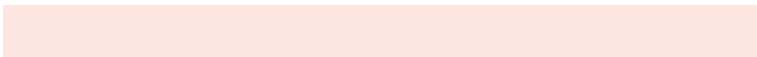
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 9.051, 226.209



93, 9.051, 276.209



93, 9.051, 46.209



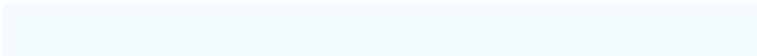
93, 9.051, 96.209

Sweetspot

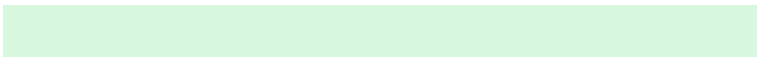
The Sweet Spot groups the original color and five complimentary colors.



93, 9.051, 226.196



99, 2.930, 225.812



94, 17.061, 150.849



52, 2.079, 225.818



0, 0.000, 0.000



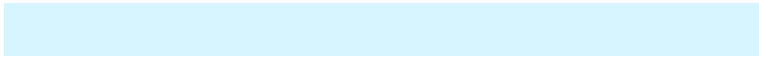
53, 0.007, 296.813

Same Dimension

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



93, 9.051, 226.196



95, 11.380, 226.400



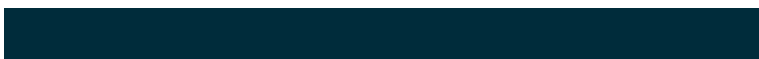
89, 12.502, 277.799



50, 3.976, 225.997



54, 36.117, 246.251



16, 15.579, 239.251

Inverse Universe

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



89, 16.931, 333.169



90, 21.495, 333.384



94, 12.412, 94.512



48, 7.357, 332.926



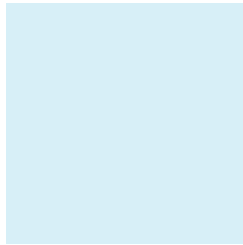
42, 75.348, 341.361



10, 34.302, 339.208

Previews

White Background



This preview shows how the CIELCh color 93, 9.051, 226.209 looks on a white background.

Color Contrast Check

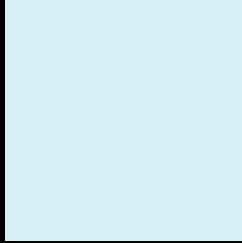
Large Text (above 18pt) WCAG AA × Fail

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 93, 9.051, 226.209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

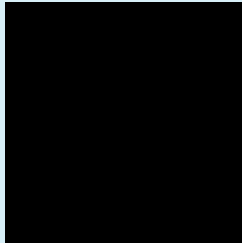
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

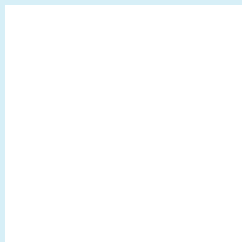
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.051, 226.209

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.051, 226.209.

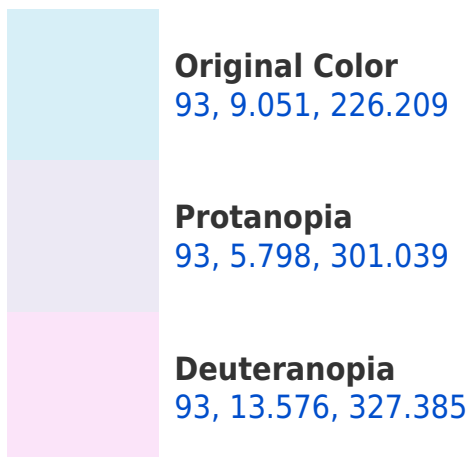


This preview shows how white text looks on a background with the CIELCh color 93, 9.051, 226.209.

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](#).

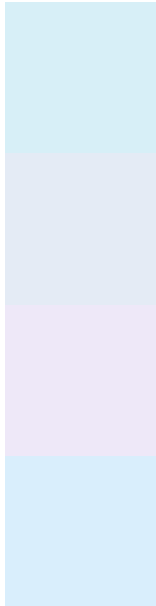
Dichromacy





Tritanopia
93, 11.137, 255.953

Trichromacy



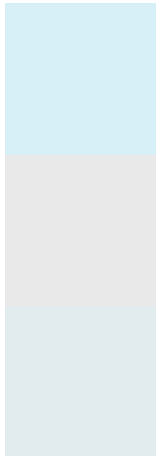
Original Color
93, 9.051, 226.209

Protanomaly
93, 5.665, 265.309

Deuteranomaly
93, 8.560, 304.913

Tritanomaly
93, 9.992, 245.580

Monochromacy



Original Color
93, 9.051, 226.209

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.484, 225.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.051, 226.209 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(215, 239, 247)` looks like.

```
.text, #text, p{  
    color:rgb(215, 239, 247)  
}
```

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(215, 239, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 239, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.051, 226.209 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(215, 239, 247) }
```

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

```
.border{ border-color:rgb(215, 239, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 239, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 239, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 239, 247);  
box-shadow:4px 4px 4px 4px rgb(215, 239,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.051, 226.209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 239, 247) }
```

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

```
.background{ background-color: rgb(215,  
239, 247) }
```

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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