

Converting Colors

CIELCh(93, 9.078, 242.303)

Have a look what the booklet for
CIELCh(93, 9.078, 242.303) contains.

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Color

CIELCh(93, 9.072, 242.297)

Conversions

Conversions Part 1

Format	Color
Hex	DAEEFA
RGB	218, 238, 250
RGB Percent	85%, 93%, 98%
CMY	0.1450, 0.0666, 0.0196
CMYK	0.13, 0.05, 0.00, 0.02
HSL	202°, 76%, 92%
HSV	202°, 13%, 98%
XYZ	76.7530, 82.9670, 102.4219
YIQ	233.3880, -15.7720, -0.5080

Conversions

Conversions Part 2

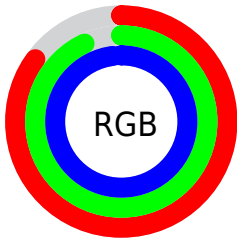
Format	Color
R _Y B	218, 230, 250
Decimal	14348026
CIE Lab	93.00, -4.22, -8.03
CIE LCh	93, 9.072, 242.297
Yxy	82.9670, 0.2928, 0.3165
Android (android.graphics.Color)	4292538106 (0xFFDAEEFA)
YUV	233.3880, 8.1897, -13.4953
Hunter-Lab	91.0862, -8.9894, -2.9083

Details

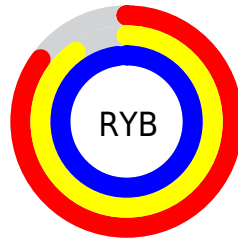
The CIELCh color `93, 9.072, 242.297` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `93, 9.614, 59.573`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 9.216, 244.200` is the 20% darker color. If you saturate the color by 10%, you get `89, 15.871, 243.629`, and if you desaturate by 10%, it is `97, 2.018, 241.377`.

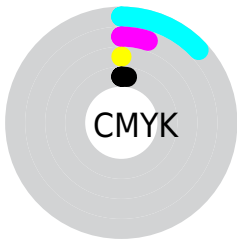
Distribution



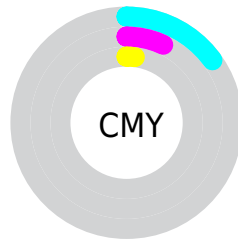
- Red (85%)
- Green (93%)
- Blue (98%)



- Red (85%)
- Yellow (90%)
- Blue (98%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (15%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.072, 242.297 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, 9.072, 242.297 by changing the saturation by 10% instead.

■ 93, 9.072, 242.297

■ 93, 9.072, 242.297

■ 100, 9.072,
242.297

■ 83, 9.072, 242.297

■ 73, 9.072, 242.297

■ 63, 9.072, 242.297

■ 53, 9.072, 242.297

■ 43, 9.072, 242.297

■ 33, 9.072, 242.297

■ 23, 9.072, 242.297

■ 13, 9.072, 242.297

■ 3, 9.072, 242.297

93, 9.072, 242.297

93, 9.072, 242.297

89, 15.871,
243.629

97, 2.018, 241.377

85, 22.353,
245.306

100, 2.517,
109.959

81, 28.456,
247.381

77, 34.127,
249.932

74, 39.346,
253.042

71, 44.136,
256.774

67, 48.589,
261.143

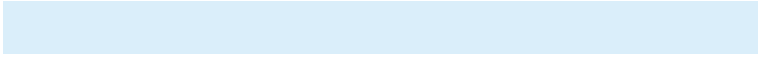
64, 52.866,
266.068

■ 62, 55.984,
269.774

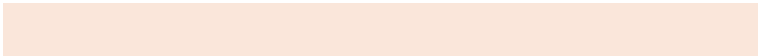
Harmonies

Complementary

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



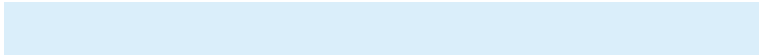
93, 9.072, 242.297



93, 9.614, 59.573

Rectangle

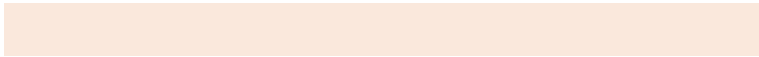
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 9.072, 242.297



93, 9.072, 292.297



93, 9.072, 62.297



93, 9.072, 112.297

Sweetspot

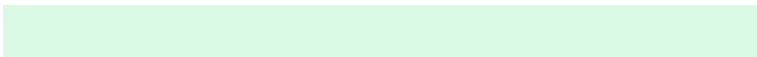
The Sweet Spot groups the original color and five complimentary colors.



93, 9.071, 242.284



98, 2.923, 241.419



96, 15.417, 156.157



52, 2.074, 241.468



0, 0.000, 0.000



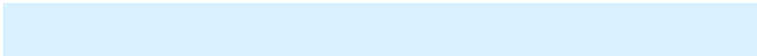
53, 0.007, 296.813

Same Dimension

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



93, 9.071, 242.284



94, 10.763, 242.555



89, 14.499, 285.649



50, 4.049, 241.910



48, 44.740, 268.813



14, 18.522, 261.181

Inverse Universe

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



90, 15.461, 338.417



90, 18.444, 338.597



96, 14.204, 102.733



49, 6.845, 338.150



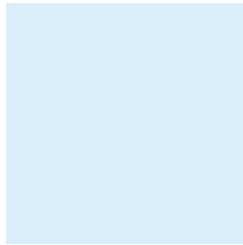
41, 70.500, 350.815



10, 32.733, 347.013

Previews

White Background



This preview shows how the CIELCh color 93, 9.072, 242.297 looks on a white background.

Color Contrast Check

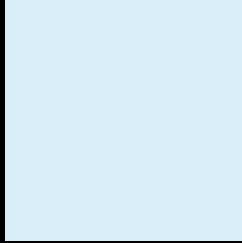
Large Text (above 18pt) WCAG AA × Fail

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, 9.072, 242.297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

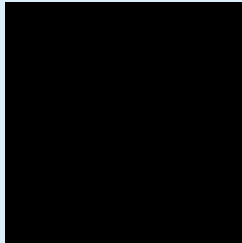
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

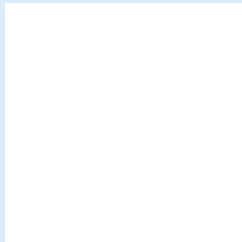
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.072, 242.297

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.072, 242.297.

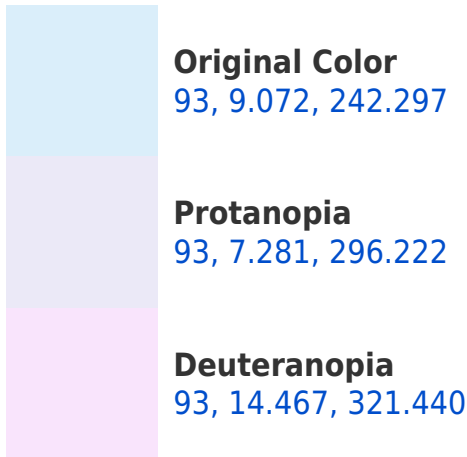


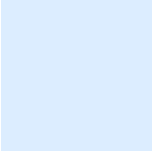
This preview shows how white text looks on a background with the CIELCh color 93, 9.072, 242.297.

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](#).

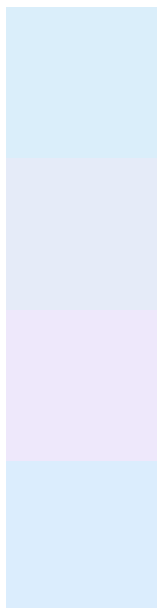
Dichromacy





Tritanopia
93, 10.790, 258.881

Trichromacy



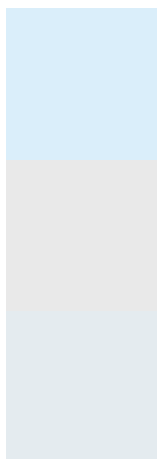
Original Color
93, 9.072, 242.297

Protanomaly
93, 6.987, 273.526

Deuteranomaly
93, 10.068, 302.824

Tritanomaly
93, 10.132, 253.991

Monochromacy



Original Color
93, 9.072, 242.297

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 3.179, 240.057

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.072, 242.297 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(218, 238, 250)` looks like.

```
.text, #text, p{  
    color:rgb(218, 238, 250)  
}
```

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(218, 238, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 238, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.072, 242.297 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(218, 238, 250) }
```

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

```
.border{ border-color:rgb(218, 238, 250) }
```

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

Here you see how a box with a 4 pixel rgb(218, 238, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 238, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 238, 250);  
box-shadow:4px 4px 4px 4px rgb(218, 238,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.072, 242.297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 238, 250) }
```

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

```
.background{ background-color: rgb(218,  
238, 250) }
```

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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