

Converting Colors

CIELCh(93, 9.325, 257.090)

Have a look what the booklet for
CIELCh(93, 9.325, 257.090) contains.

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Color

CIELCh(93, 9.165, 257.064)

Conversions

Conversions Part 1

Format	Color
Hex	DEEDFC
RGB	222, 237, 252
RGB Percent	87%, 93%, 99%
CMY	0.1302, 0.0713, 0.0125
CMYK	0.12, 0.06, 0.00, 0.01
HSL	210°, 82%, 93%
HSV	210°, 12%, 99%
XYZ	77.8291, 82.9670, 103.8401
YIQ	234.2250, -13.7550, 1.4850

Conversions

Conversions Part 2

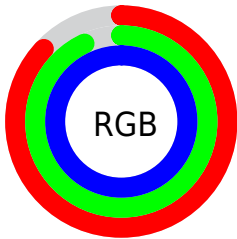
Format	Color
R _Y B	222, 232, 252
Decimal	14609916
CIE Lab	93.00, -2.05, -8.93
CIE LCh	93, 9.165, 257.064
Yxy	82.9670, 0.2941, 0.3135
Android (android.graphics.Color)	4292799996 (0xFFDEEDFC)
YUV	234.2250, 8.7631, -10.7213
Hunter-Lab	91.0862, -6.8807, -3.8314

Details

The CIELCh color `93, 9.165, 257.064` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 9.438, 73.895`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 8.966, 257.395` is the 20% darker color. If you saturate the color by 10%, you get `88, 16.761, 258.650`, and if you desaturate by 10%, it is `98, 1.484, 255.934`.

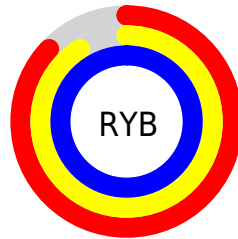
Distribution



Red (87%)

Green (93%)

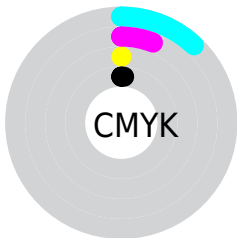
Blue (99%)



Red (87%)

Yellow (91%)

Blue (99%)

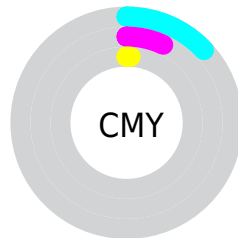


Cyan (12%)

Magenta (6%)

Yellow (0%)

Black (1%)



Cyan (13%)

Magenta (7%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.165, 257.064 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, 9.165, 257.064 by changing the saturation by 10% instead.



93, 9.165, 257.064

93, 9.165, 257.064

88, 16.761,
258.650

98, 1.484, 255.934

83, 24.245,
260.572

100, 1.612,
110.010

78, 31.590,
262.870

74, 38.785,
265.605

69, 45.846,
268.828

65, 52.826,
272.559

61, 59.820,
276.756

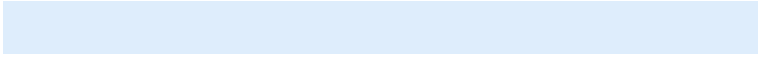
57, 66.948,
281.290

■ 54, 72.896,
284.985

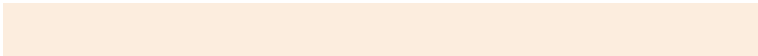
Harmonies

Complementary

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



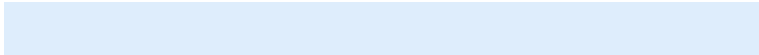
93, 9.165, 257.064



94, 9.438, 73.895

Rectangle

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



93, 9.165, 257.064



93, 9.165, 307.064



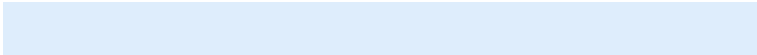
93, 9.165, 77.064



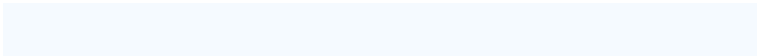
93, 9.165, 127.064

Sweetspot

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



93, 9.164, 257.052



98, 3.125, 256.048



96, 13.230, 161.795



52, 2.219, 256.124



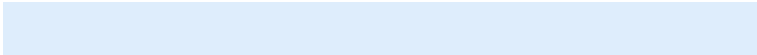
0, 0.000, 0.000



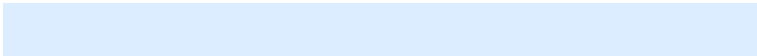
53, 0.007, 296.813

Same Dimension

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



93, 9.164, 257.052



93, 10.869, 257.362



89, 15.367, 290.795



50, 4.352, 256.712



41, 57.663, 284.131



11, 22.948, 277.222

Inverse Universe

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



91, 13.276, 344.626



91, 15.800, 344.824



98, 14.963, 108.333



49, 6.278, 344.400



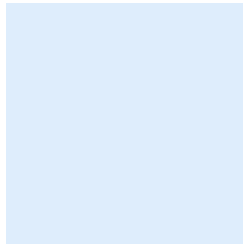
41, 67.574, 2.058



10, 31.066, 356.207

Previews

White Background



This preview shows how the CIELCh color 93, 9.165, 257.064 looks on a white background.

Color Contrast Check

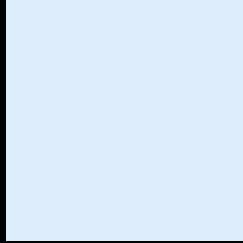
Large Text (above 18pt) WCAG AA × Fail

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, 9.165, 257.064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

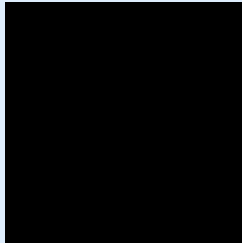
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

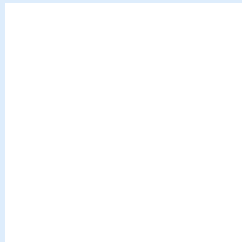
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.165, 257.064

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.165, 257.064.



This preview shows how white text looks on a background with the CIELCh color 93, 9.165, 257.064.

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

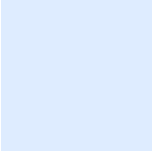
93, 9.165, 257.064

Protanopia

93, 8.798, 293.121

Deuteranopia

93, 15.359, 319.483



Tritanopia
93, 10.786, 264.987

Trichromacy



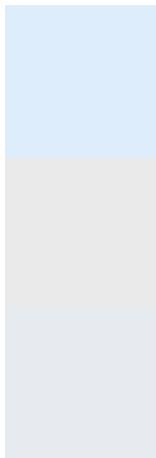
Original Color
93, 9.165, 257.064

Protanomaly
93, 8.863, 281.983

Deuteranomaly
93, 11.745, 304.630

Tritanomaly
93, 10.329, 263.653

Monochromacy



Original Color
93, 9.165, 257.064

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.098, 256.075

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.165, 257.064 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(222, 237, 252)` looks like.

```
.text, #text, p{  
    color:rgb(222, 237, 252)  
}
```

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(222, 237, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 237, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.165, 257.064 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(222, 237, 252) }
```

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

```
.border{ border-color:rgb(222, 237, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 237, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 237, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 237, 252);  
box-shadow:4px 4px 4px 4px rgb(222, 237,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.165, 257.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 237, 252) }
```

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

```
.background{ background-color: rgb(222,  
237, 252) }
```

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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