

Converting Colors

CIE LCh(92, 9.192, 257.090)

Have a look what the booklet for
CIELCh(92, 9.192, 257.090) contains.

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Color

CIELCh(92, 9.185, 257.084)

Conversions

Conversions Part 1

Format	Color
Hex	DBEAF9
RGB	219, 234, 249
RGB Percent	86%, 92%, 98%
CMY	0.1414, 0.0825, 0.0237
CMYK	0.12, 0.06, 0.00, 0.02
HSL	210°, 71%, 92%
HSV	210°, 12%, 98%
XYZ	75.6967, 80.7044, 101.1671
YIQ	231.2250, -13.7550, 1.4850

Conversions

Conversions Part 2

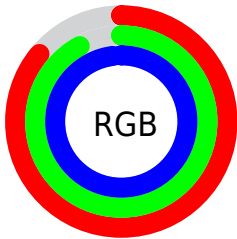
Format	Color
R _Y B	219, 229, 249
Decimal	14412537
CIE Lab	92.00, -2.05, -8.95
CIE LCh	92, 9.185, 257.084
Yxy	80.7044, 0.2939, 0.3133
Android (android.graphics.Color)	4292602617 (0xFFDBEAF9)
YUV	231.2250, 8.7631, -10.7213
Hunter-Lab	89.8356, -6.8059, -3.8836

Details

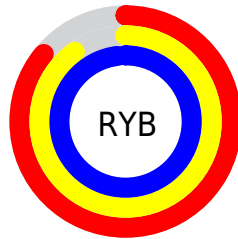
The CIELCh color `92, 9.185, 257.084` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `93, 9.462, 73.880`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 9.442, 259.358` is the 20% darker color. If you saturate the color by 10%, you get `87, 16.710, 258.673`, and if you desaturate by 10%, it is `97, 1.575, 255.933`.

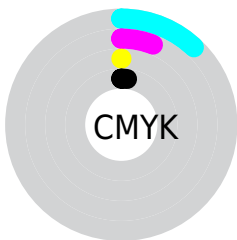
Distribution



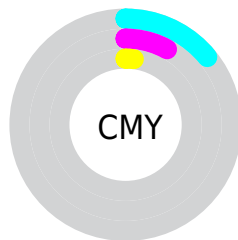
- Red (86%)
- Green (92%)
- Blue (98%)



- Red (86%)
- Yellow (90%)
- Blue (98%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 9.185, 257.084 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 92, 9.185, 257.084 by changing the saturation by 10% instead.

■ 92, 9.185, 257.084

■ 92, 9.185, 257.084

■ 100, 9.185,
257.084

■ 82, 9.185, 257.084

■ 72, 9.185, 257.084

■ 62, 9.185, 257.084

■ 52, 9.185, 257.084

■ 42, 9.185, 257.084

■ 32, 9.185, 257.084

■ 22, 9.185, 257.084

■ 12, 9.185, 257.084

■ 2, 9.185, 257.084

92, 9.185, 257.084

92, 9.185, 257.084

87, 16.710,
258.673

97, 1.575, 255.933

82, 24.124,
260.598

100, 3.058,
109.924

78, 31.400,
262.899

73, 38.527,
265.638

68, 45.522,
268.864

64, 52.438,
272.598

60, 59.368,
276.796

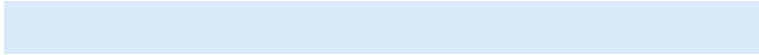
56, 66.433,
281.329

■ 53, 72.227,
284.957

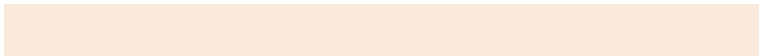
Harmonies

Complementary

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



92, 9.185, 257.084



93, 9.462, 73.880

Rectangle

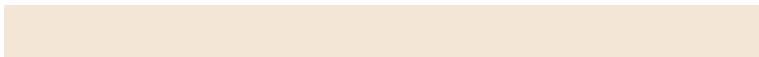
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



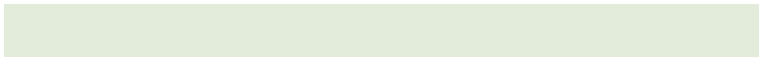
92, 9.185, 257.084



92, 9.185, 307.084



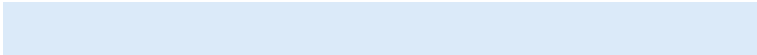
92, 9.185, 77.084



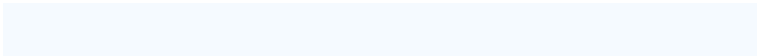
92, 9.185, 127.084

Sweetspot

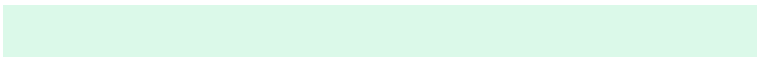
The Sweet Spot groups the original color and five complimentary colors.



92, 9.184, 257.072



98, 3.125, 256.049



95, 13.260, 161.783



52, 2.219, 256.125



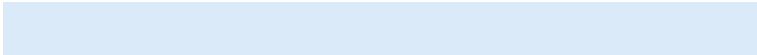
0, 0.000, 0.000



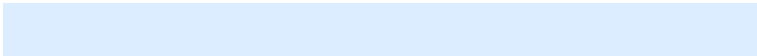
53, 0.007, 296.813

Same Dimension

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



92, 9.184, 257.072



93, 10.869, 257.363



88, 15.406, 290.810



50, 4.352, 256.714



41, 57.664, 284.132



11, 22.949, 277.224

Inverse Universe

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



90, 13.307, 344.639



91, 15.800, 344.824



97, 14.996, 108.320



49, 6.278, 344.401



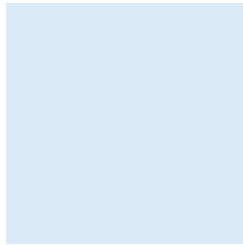
41, 67.574, 2.059



10, 31.066, 356.208

Previews

White Background



This preview shows how the CIELCh color 92, 9.185, 257.084 looks on a white background.

Color Contrast Check

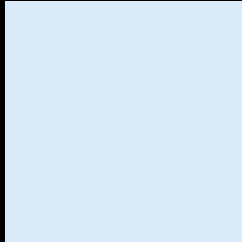
Large Text (above 18pt) WCAG AA × Fail

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 92, 9.185, 257.084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

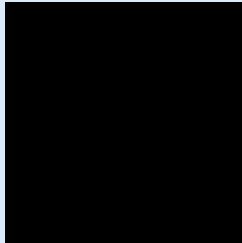
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

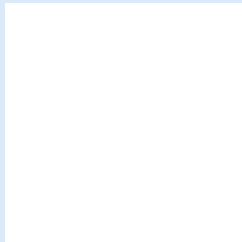
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 9.185, 257.084

Background



This preview shows how black text looks on a background with the CIELCh color 92, 9.185, 257.084.



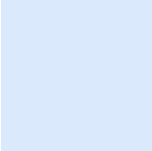
This preview shows how white text looks on a background with the CIELCh color 92, 9.185, 257.084.

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](#).

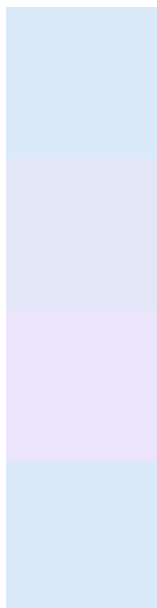
Dichromacy





Tritanopia
92, 10.810, 265.010

Trichromacy



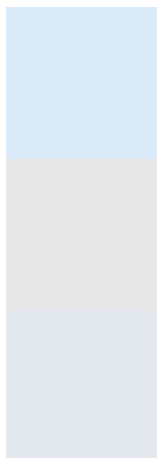
Original Color
92, 9.185, 257.084

Protanomaly
92, 8.884, 281.995

Deuteranomaly
92, 11.774, 304.636

Tritanomaly
92, 10.353, 263.674

Monochromacy



Original Color
92, 9.185, 257.084

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.543, 260.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 9.185, 257.084 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(219, 234, 249)` looks like.

```
.text, #text, p{  
    color:rgb(219, 234, 249)  
}
```

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(219, 234, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 234, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 9.185, 257.084 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(219, 234, 249) }
```

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

```
.border{ border-color:rgb(219, 234, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 234, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 234, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 234, 249);  
box-shadow:4px 4px 4px 4px rgb(219, 234,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 9.185, 257.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 234, 249) }
```

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

```
.background{ background-color: rgb(219,  
234, 249) }
```

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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