

Converting Colors

CIELCh(92, 9.628, 228.235)

Have a look what the booklet for
CIELCh(92, 9.628, 228.235) contains.

CIELCh(92, 9.576, 228.157)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(92, 9.576, 228.157)

Conversions

Conversions Part 1

Format	Color
Hex	D3ECF5
RGB	211, 236, 245
RGB Percent	83%, 93%, 96%
CMY	0.1712, 0.0731, 0.0378
CMYK	0.14, 0.04, 0.00, 0.04
HSL	196°, 64%, 90%
HSV	196°, 14%, 96%
XYZ	73.5924, 80.7044, 98.3650
YIQ	229.5510, -17.7890, -2.5010

Conversions

Conversions Part 2

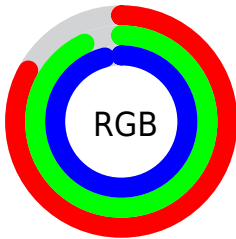
Format	Color
R _{YB}	211, 225, 245
Decimal	13888757
CIE Lab	92.00, -6.39, -7.13
CIE LCh	92, 9.576, 228.157
Yxy	80.7044, 0.2913, 0.3194
Android (android.graphics.Color)	4292078837 (0xFFD3ECF5)
YUV	229.5510, 7.6164, -16.2692
Hunter-Lab	89.8356, -10.9870, -2.0343

Details

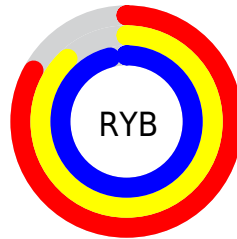
The CIELCh color `92, 9.576, 228.157` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `90, 10.403, 46.473`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 9.664, 229.462` is the 20% darker color. If you saturate the color by 10%, you get `89, 16.041, 229.004`, and if you desaturate by 10%, it is `95, 2.730, 227.630`.

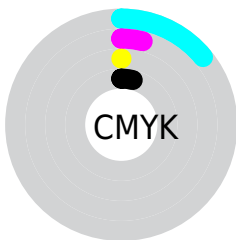
Distribution



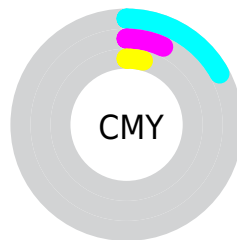
- Red (83%)
- Green (93%)
- Blue (96%)



- Red (83%)
- Yellow (88%)
- Blue (96%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)



- Cyan (17%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 9.576, 228.157 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, 9.576, 228.157 by changing the saturation by 10% instead.

■ 92, 9.576, 228.157

■ 92, 9.576, 228.157

■ 100, 9.576,
228.157

■ 82, 9.576, 228.157

■ 72, 9.576, 228.157

■ 62, 9.576, 228.157

■ 52, 9.576, 228.157

■ 42, 9.576, 228.157

■ 32, 9.576, 228.157

■ 22, 9.576, 228.157

■ 12, 9.576, 228.157

■ 2, 9.576, 228.157

92, 9.576, 228.157

92, 9.576, 228.157

89, 16.041,
229.004

95, 2.730, 227.630

86, 22.032,
230.148

98, 2.832, 64.889

83, 27.454,
231.638

100, 4.882,
109.797

80, 32.221,
233.553

77, 36.268,
235.988

75, 39.581,
239.037

72, 42.215,
242.774

70, 44.315,
247.215

■ 69, 45.486,
250.178

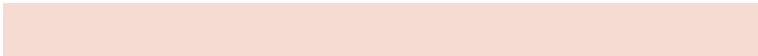
Harmonies

Complementary

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



92, 9.576, 228.157



90, 10.403, 46.473

Rectangle

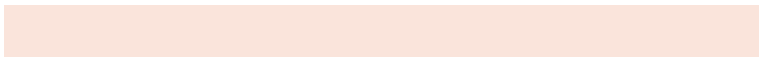
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



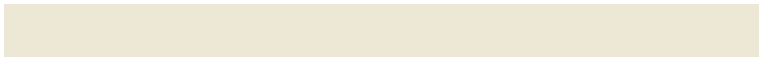
92, 9.576, 228.157



92, 9.576, 278.157



92, 9.576, 48.157



92, 9.576, 98.157

Sweetspot

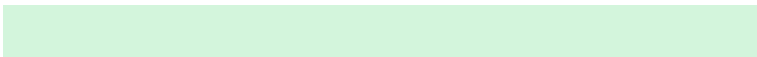
The Sweet Spot groups the original color and five complimentary colors.



92, 9.576, 228.145



99, 2.918, 227.631



94, 17.941, 151.386



52, 2.070, 227.642



0, 0.000, 0.000



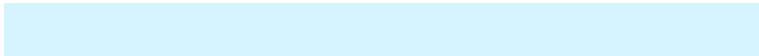
53, 0.007, 296.813

Same Dimension

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



92, 9.576, 228.145



94, 12.020, 228.389



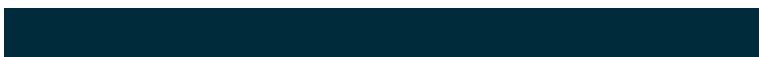
88, 13.573, 279.043



49, 3.961, 227.855



53, 36.755, 249.263



16, 15.738, 241.992

Inverse Universe

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



88, 17.840, 333.804



89, 22.614, 334.031



94, 13.442, 95.558



48, 7.280, 333.493



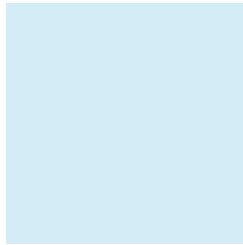
42, 74.585, 342.366



10, 33.985, 340.024

Previews

White Background



This preview shows how the CIELCh color 92, 9.576, 228.157 looks on a white background.

Color Contrast Check

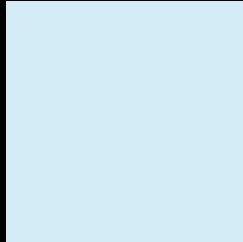
Large Text (above 18pt) WCAG AA × Fail

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, 9.576, 228.157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

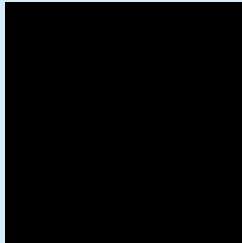
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

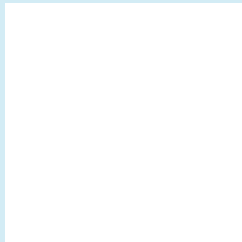
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 9.576, 228.157

Background



This preview shows how black text looks on a background with the CIELCh color 92, 9.576, 228.157.

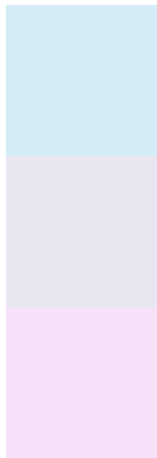


This preview shows how white text looks on a background with the CIELCh color 92, 9.576, 228.157.

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

92, 9.576, 228.157

Protanopia

92, 6.322, 300.218

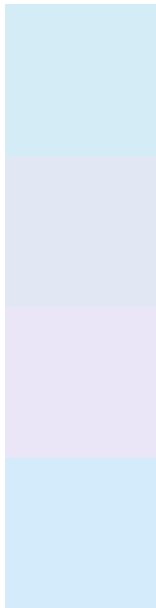
Deuteranopia

92, 14.249, 323.741



Tritanopia
92, 12.116, 253.565

Trichromacy



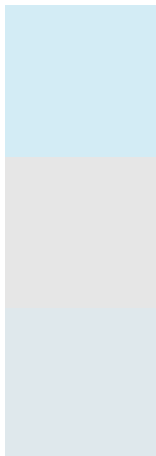
Original Color
92, 9.576, 228.157

Protanomaly
92, 6.148, 267.454

Deuteranomaly
92, 9.514, 301.406

Tritanomaly
92, 11.173, 247.078

Monochromacy



Original Color
92, 9.576, 228.157

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 3.738, 233.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 9.576, 228.157 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(211, 236, 245)` looks like.

```
.text, #text, p{  
    color:rgb(211, 236, 245)  
}
```

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(211, 236, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 236, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 9.576, 228.157 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(211, 236, 245) }
```

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

```
.border{ border-color:rgb(211, 236, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 236, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 236, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 236, 245);  
box-shadow:4px 4px 4px 4px rgb(211, 236,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 9.576, 228.157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 236, 245) }
```

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

```
.background{ background-color: rgb(211,  
236, 245) }
```

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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