

Converting Colors

CIELCh(92, 5.477, 215.888)

Have a look what the booklet for
CIELCh(92, 5.477, 215.888) contains.

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Color

CIELCh(92, 5.407, 215.888)

Conversions

Conversions Part 1

Format	Color
Hex	DCEBEE
RGB	220, 235, 238
RGB Percent	86%, 92%, 93%
CMY	0.1377, 0.0789, 0.0672
CMYK	0.08, 0.01, 0.00, 0.07
HSL	190°, 34%, 90%
HSV	190°, 8%, 93%
XYZ	74.5620, 80.7044, 92.4375
YIQ	230.8570, -9.9030, -2.2470

Conversions

Conversions Part 2

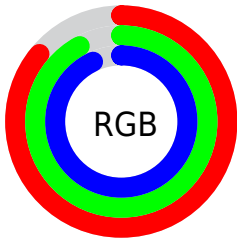
Format	Color
R _Y B	220, 228, 238
Decimal	14478318
CIE Lab	92.00, -4.38, -3.17
CIE LCh	92, 5.407, 215.888
Yxy	80.7044, 0.3010, 0.3258
Android (android.graphics.Color)	4292668398 (0xFFDCEBEE)
YUV	230.8570, 3.5215, -9.5216
Hunter-Lab	89.8356, -9.0605, 1.8777

Details

The CIELCh color **92, 5.407, 215.888** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 5.672, 35.524**, 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, 5.315, 217.038** is the 20% darker color. If you saturate the color by 10%, you get **89, 12.209, 216.028**, and if you desaturate by 10%, it is **95, 1.777, 35.291**.

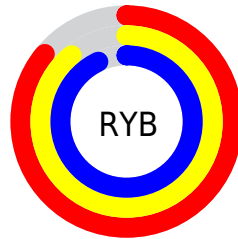
Distribution



Red (86%)

Green (92%)

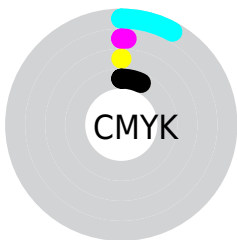
Blue (93%)



Red (86%)

Yellow (89%)

Blue (93%)

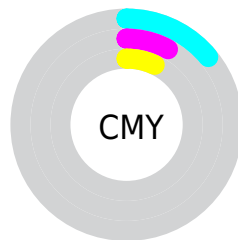


Cyan (8%)

Magenta (1%)

Yellow (0%)

Black (7%)



Cyan (14%)

Magenta (8%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 5.407, 215.888 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, 5.407, 215.888 by changing the saturation by 10% instead.

■ 92, 5.407, 215.888

■ 92, 5.407, 215.888

■ 100, 5.407,
215.888

■ 82, 5.407, 215.888

■ 72, 5.407, 215.888

■ 62, 5.407, 215.888

■ 52, 5.407, 215.888

■ 42, 5.407, 215.888

■ 32, 5.407, 215.888

■ 22, 5.407, 215.888

■ 12, 5.407, 215.888

■ 2, 5.407, 215.888

92, 5.407, 215.888

92, 5.407, 215.888

89, 12.209,
216.028

95, 1.777, 35.291

87, 18.521,
216.394

97, 5.026, 49.478

85, 24.232,
216.970

98, 5.379, 76.501

82, 29.224,
217.800

100, 8.507,
108.749

80, 33.395,
218.943

100, 8.670,
109.520

79, 36.666,
220.469

77, 39.009,
222.451

76, 40.467,
224.960

■ 74, 41.185,
228.028

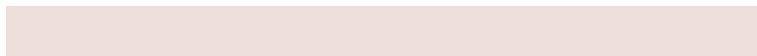
Harmonies

Complementary

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



92, 5.407, 215.888



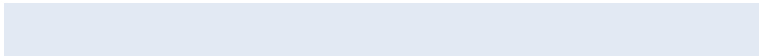
90, 5.672, 35.524

Rectangle

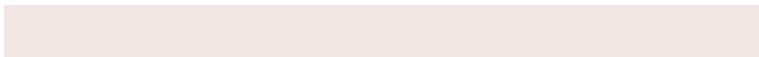
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



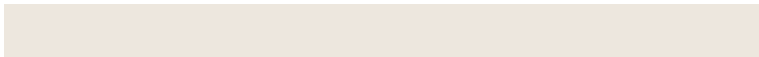
92, 5.407, 215.888



92, 5.407, 265.888



92, 5.407, 35.888



92, 5.407, 85.888

Sweetspot

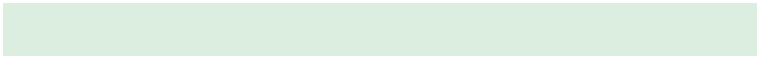
The Sweet Spot groups the original color and five complimentary colors.



92, 5.408, 215.865



99, 1.534, 216.108



92, 10.232, 148.403



53, 0.872, 216.129



0, 0.000, 0.000



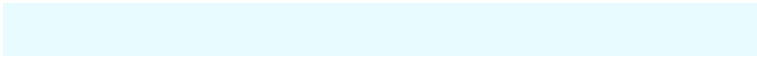
53, 0.007, 296.813

Same Dimension

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



92, 5.408, 215.865



97, 6.780, 215.871



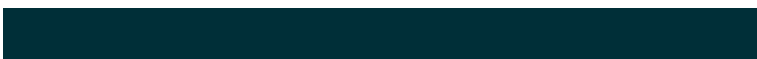
90, 6.429, 270.801



49, 4.066, 215.875



58, 34.021, 228.219



17, 14.888, 223.215

Inverse Universe

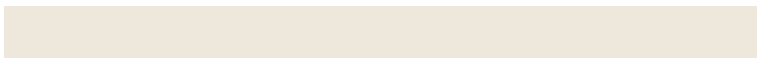
The Inverse Universe completely reimagines the original color for something new.



90, 10.141, 329.810



94, 12.774, 329.906



92, 6.432, 88.778



47, 7.672, 329.934



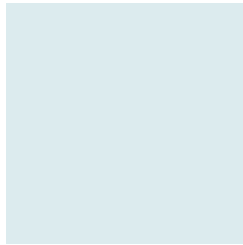
42, 79.303, 336.179



9, 35.238, 334.897

Previews

White Background



This preview shows how the CIELCh color 92, 5.407, 215.888 looks on a white background.

Color Contrast Check

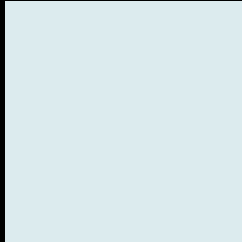
Large Text (above 18pt) WCAG AA × Fail

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, 5.407, 215.888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

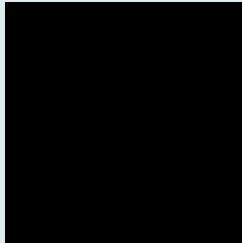
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

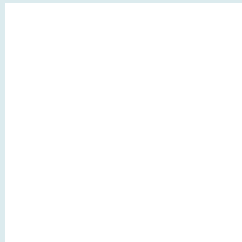
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 5.407, 215.888

Background



This preview shows how black text looks on a background with the CIELCh color 92, 5.407, 215.888.



This preview shows how white text looks on a background with the CIELCh color 92, 5.407, 215.888.

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](#).

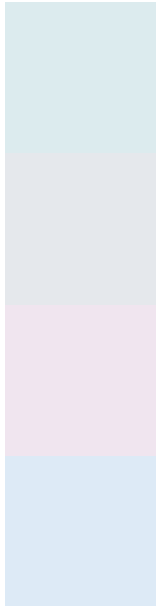
Dichromacy





Tritanopia
92, 9.957, 268.881

Trichromacy



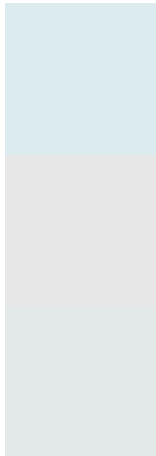
Original Color
92, 5.407, 215.888

Protanomaly
92, 2.315, 263.267

Deuteranomaly
92, 6.512, 327.213

Tritanomaly
92, 7.561, 254.597

Monochromacy



Original Color
92, 5.407, 215.888

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.832, 216.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 5.407, 215.888 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(220, 235, 238)` looks like.

```
.text, #text, p{  
    color:rgb(220, 235, 238)  
}
```

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(220, 235, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 235, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 5.407, 215.888 is called "border". The border property can be set on classes, ids or directly on the HTML element.

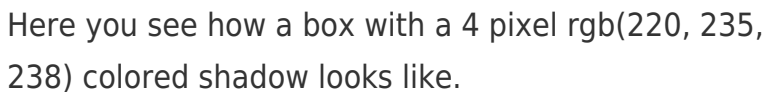
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 235, 238) }
```

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

```
.border{ border-color:rgb(220, 235, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(220, 235, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 235, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 235, 238); box-shadow:4px 4px 4px 4px rgb(220, 235, 238) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 5.407, 215.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 235, 238) }
```

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

```
.background{ background-color: rgb(220,  
235, 238) }
```

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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