

Converting Colors

CIELCh(92, 5.786, 212.539)

Have a look what the booklet for
CIELCh(92, 5.786, 212.539) contains.

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Color

CIELCh(92, 5.734, 214.884)

Conversions

Conversions Part 1

Format	Color
Hex	DBEBEE
RGB	219, 235, 238
RGB Percent	86%, 92%, 93%
CMY	0.1409, 0.0781, 0.0664
CMYK	0.08, 0.01, 0.00, 0.07
HSL	189°, 36%, 90%
HSV	189°, 8%, 93%
XYZ	74.4054, 80.7044, 92.5984
YIQ	230.5580, -10.4990, -2.4590

Conversions

Conversions Part 2

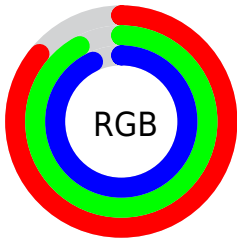
Format	Color
R _Y B	219, 228, 238
Decimal	14412782
CIE Lab	92.00, -4.70, -3.28
CIE LCh	92, 5.734, 214.884
Yxy	80.7044, 0.3004, 0.3258
Android (android.graphics.Color)	4292602862 (0xFFDBEBEE)
YUV	230.5580, 3.6689, -10.1364
Hunter-Lab	89.8356, -9.3717, 1.7716

Details

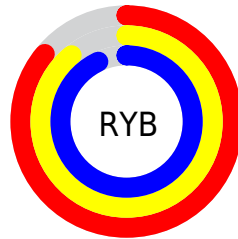
The CIELCh color `92, 5.734, 214.884` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `90, 6.034, 34.592`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 5.654, 215.901` is the 20% darker color. If you saturate the color by 10%, you get `89, 12.560, 214.990`, and if you desaturate by 10%, it is `95, 1.483, 34.260`.

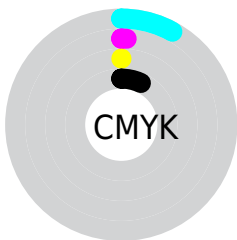
Distribution



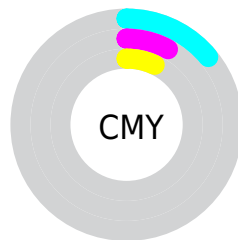
- Red (86%)
- Green (92%)
- Blue (93%)



- 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, 5.734, 214.884 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, 5.734, 214.884 by changing the saturation by 10% instead.

 92, 5.734, 214.884

 92, 5.734, 214.884

 100, 5.734,
214.884

 82, 5.734, 214.884

 72, 5.734, 214.884

 62, 5.734, 214.884

 52, 5.734, 214.884

 42, 5.734, 214.884

 32, 5.734, 214.884

 22, 5.734, 214.884

 12, 5.734, 214.884

 2, 5.734, 214.884

82, 5.734, 214.884

92, 5.734, 214.884

89, 12.560,
214.990

95, 1.483, 34.260

87, 18.885,
215.312

97, 4.993, 46.971

85, 24.595,
215.835

97, 5.207, 73.257

83, 29.573,
216.604

98, 6.338, 93.598

81, 33.713,
217.673

99, 7.999, 106.609

100, 8.569,
109.527

79, 36.938,
219.108

78, 39.221,
220.981

76, 40.604,
223.356

■ 75, 41.239,
226.261

Harmonies

Complementary

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



92, 5.734, 214.884



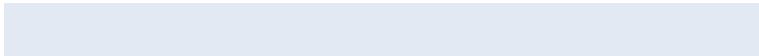
90, 6.034, 34.592

Rectangle

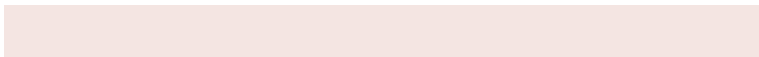
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



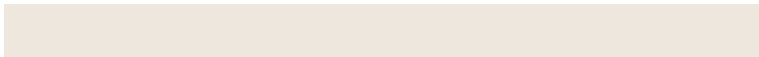
92, 5.734, 214.884



92, 5.734, 264.884



92, 5.734, 34.884



92, 5.734, 84.884

Sweetspot

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



92, 5.735, 214.863



99, 1.543, 215.128



92, 10.803, 148.374



53, 0.877, 215.150



0, 0.000, 0.000



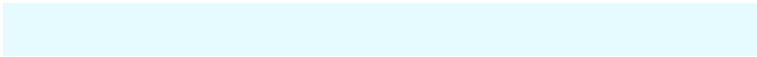
53, 0.007, 296.813

Same Dimension

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



92, 5.735, 214.863



97, 7.556, 214.868



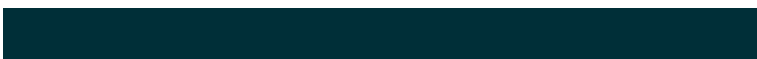
90, 6.787, 270.856



49, 4.090, 214.865



59, 34.025, 226.313



17, 14.922, 221.604

Inverse Universe

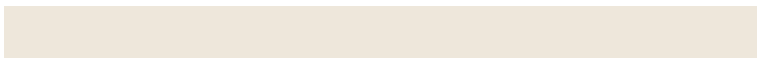
The Inverse Universe completely reimagines the original color for something new.



89, 10.773, 329.544



94, 14.290, 329.676



92, 6.793, 88.728



47, 7.720, 329.641



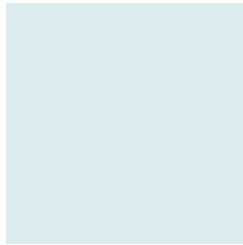
42, 79.836, 335.686



9, 35.444, 334.493

Previews

White Background



This preview shows how the CIELCh color 92, 5.734, 214.884 looks on a white background.

Color Contrast Check

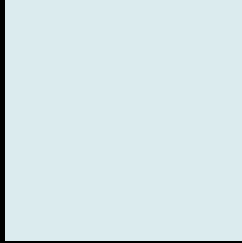
Large Text (above 18pt) WCAG AA × Fail

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, 5.734, 214.884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

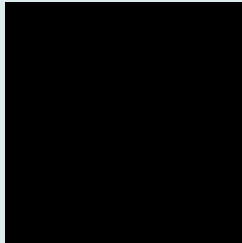
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

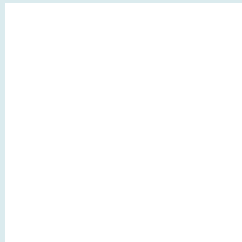
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 5.734, 214.884

Background



This preview shows how black text looks on a background with the CIELCh color 92, 5.734, 214.884.



This preview shows how white text looks on a background with the CIELCh color 92, 5.734, 214.884.

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](#).

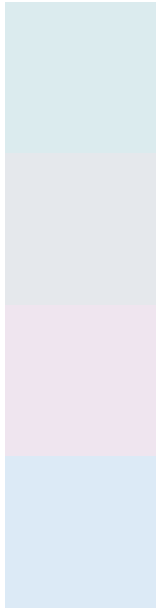
Dichromacy





Tritanopia
92, 10.080, 267.097

Trichromacy



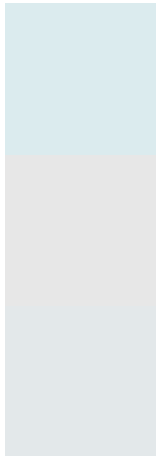
Original Color
92, 5.734, 214.884

Protanomaly
92, 2.315, 263.267

Deuteranomaly
92, 6.305, 324.625

Tritanomaly
92, 7.758, 252.545

Monochromacy



Original Color
92, 5.734, 214.884

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.032, 230.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 5.734, 214.884 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, 235, 238)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 235, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 235, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 5.734, 214.884 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, 235, 238) }
```

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

```
.border{ border-color:rgb(219, 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(219, 235, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 235, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 235, 238);  
box-shadow:4px 4px 4px 4px rgb(219, 235,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 5.734, 214.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 235, 238) }
```

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

```
.background{ background-color: rgb(219,  
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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