

Converting Colors

CIELCh(92, 6.062, 224.488)

Have a look what the booklet for
CIELCh(92, 6.062, 224.488) contains.

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Color

CIELCh(92, 6.058, 224.487)

Conversions

Conversions Part 1

Format	Color
Hex	DBEBF0
RGB	219, 235, 240
RGB Percent	86%, 92%, 94%
CMY	0.1415, 0.0787, 0.0591
CMYK	0.09, 0.02, 0.00, 0.06
HSL	194°, 41%, 90%
HSV	194°, 9%, 94%
XYZ	74.5905, 80.7044, 94.0214
YIQ	230.7860, -11.1410, -1.8370

Conversions

Conversions Part 2

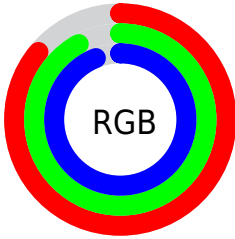
Format	Color
R _Y B	219, 228, 240
Decimal	14412784
CIE Lab	92.00, -4.32, -4.25
CIE LCh	92, 6.058, 224.487
Yxy	80.7044, 0.2992, 0.3237
Android (android.graphics.Color)	4292602864 (0xFFDBEBF0)
YUV	230.7860, 4.5425, -10.3363
Hunter-Lab	89.8356, -9.0039, 0.8324

Details

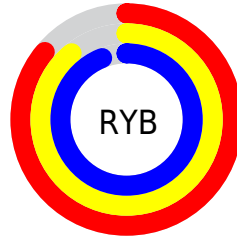
The CIELCh color `92, 6.058, 224.487` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `90, 6.383, 43.540`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 6.012, 226.074` is the 20% darker color. If you saturate the color by 10%, you get `89, 12.643, 225.043`, and if you desaturate by 10%, it is `95, 0.878, 43.213`.

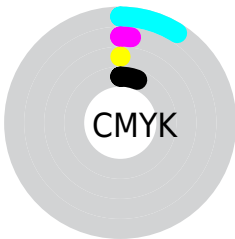
Distribution



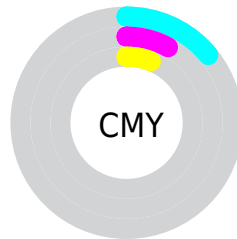
- Red (86%)
- Green (92%)
- Blue (94%)



- Red (86%)
- Yellow (89%)
- Blue (94%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (14%)
- Magenta (8%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 6.058, 224.487 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, 6.058, 224.487 by changing the saturation by 10% instead.

92, 6.058, 224.487

92, 6.058, 224.487

100, 6.058,
224.487

82, 6.058, 224.487

72, 6.058, 224.487

62, 6.058, 224.487

52, 6.058, 224.487

42, 6.058, 224.487

32, 6.058, 224.487

22, 6.058, 224.487

12, 6.058, 224.487

2, 6.058, 224.487

92, 6.058, 224.487

92, 6.058, 224.487

89, 12.643,
225.043

95, 0.878, 43.213

86, 18.783,
225.874

97, 4.479, 66.222

83, 24.380,
226.992

99, 6.230, 99.963

100, 7.633,
109.596

81, 29.333,
228.463

78, 33.558,
230.370

76, 37.003,
232.806

74, 39.671,
235.861

72, 41.644,
239.603

■ 70, 43.128,
243.989

Harmonies

Complementary

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



92, 6.058, 224.487



90, 6.383, 43.540

Rectangle

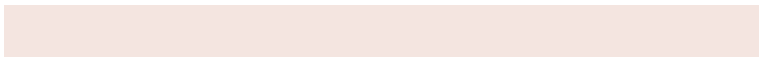
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



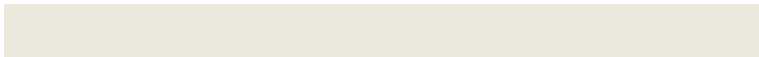
92, 6.058, 224.487



92, 6.058, 274.487



92, 6.058, 44.487



92, 6.058, 94.487

Sweetspot

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



92, 6.058, 224.466



99, 2.212, 224.373



93, 11.233, 151.169



53, 1.673, 224.349



0, 0.000, 0.000



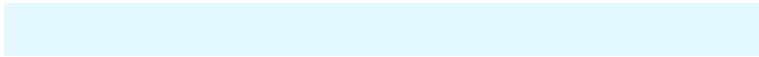
53, 0.007, 296.813

Same Dimension

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



92, 6.058, 224.466



96, 7.955, 224.573



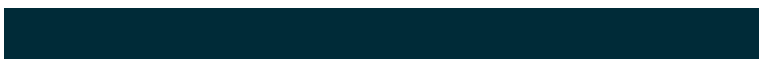
89, 8.213, 277.223



49, 3.923, 224.498



54, 35.297, 243.700



15, 15.024, 236.610

Inverse Universe

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



89, 11.237, 332.423



93, 14.860, 332.581



93, 8.163, 95.020



47, 7.293, 332.473



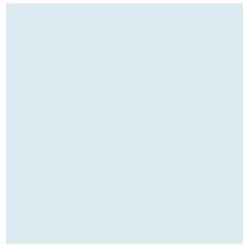
41, 75.224, 340.550



9, 33.635, 338.449

Previews

White Background



This preview shows how the CIELCh color 92, 6.058, 224.487 looks on a white background.

Color Contrast Check

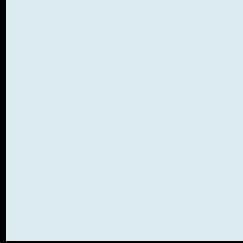
Large Text (above 18pt) WCAG AA × Fail

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, 6.058, 224.487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

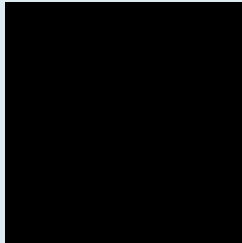
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

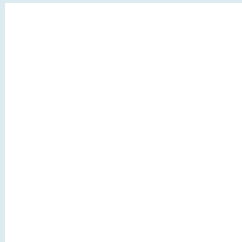
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 6.058, 224.487

Background



This preview shows how black text looks on a background with the CIELCh color 92, 6.058, 224.487.

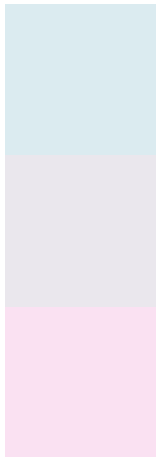


This preview shows how white text looks on a background with the CIELCh color 92, 6.058, 224.487.

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](#).

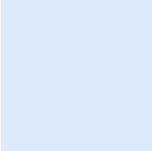
Dichromacy



Original Color
92, 6.058, 224.487

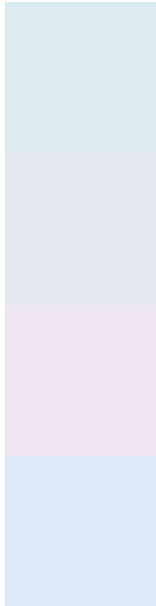
Protanopia
92, 3.301, 309.138

Deuteranopia
92, 12.530, 335.777



Tritanopia
92, 10.551, 268.308

Trichromacy



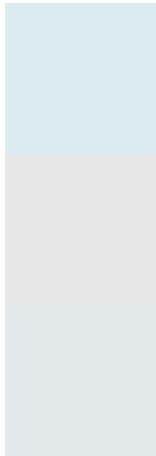
Original Color
92, 6.058, 224.487

Protanomaly
92, 3.267, 271.684

Deuteranomaly
92, 7.181, 319.990

Tritanomaly
92, 8.583, 256.974

Monochromacy



Original Color
92, 6.058, 224.487

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, 6.058, 224.487 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(219, 235, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 235, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 6.058, 224.487 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, 240) }
```

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

```
.border{ border-color:rgb(219, 235, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 235, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 235, 240);  
box-shadow:4px 4px 4px 4px rgb(219, 235,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 6.058, 224.487 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, 240) }
```

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

```
.background{ background-color: rgb(219,  
235, 240) }
```

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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