

Converting Colors

CIELCh(92, 4.517, 222.232)

Have a look what the booklet for
CIELCh(92, 4.517, 222.232) contains.

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Color

CIELCh(92, 4.627, 225.885)

Conversions

Conversions Part 1

Format	Color
Hex	DEEAEE
RGB	222, 234, 238
RGB Percent	87%, 92%, 93%
CMY	0.1286, 0.0816, 0.0659
CMYK	0.07, 0.02, 0.00, 0.07
HSL	195°, 32%, 90%
HSV	195°, 7%, 93%
XYZ	75.1259, 80.7044, 92.6608
YIQ	230.8680, -8.4360, -1.3000

Conversions

Conversions Part 2

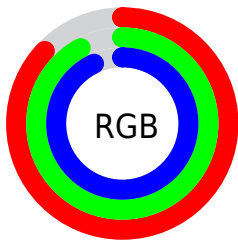
Format	Color
R _Y B	222, 229, 238
Decimal	14609134
CIE Lab	92.00, -3.22, -3.32
CIE LCh	92, 4.627, 225.885
Yxy	80.7044, 0.3023, 0.3248
Android (android.graphics.Color)	4292799214 (0xFFDEEAEE)
YUV	230.8680, 3.5161, -7.7772
Hunter-Lab	89.8356, -7.9400, 1.7304

Details

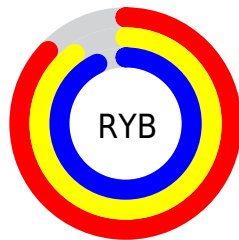
The CIELCh color `92, 4.627, 225.885` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `91, 4.809, 44.974`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 4.527, 228.035` is the 20% darker color. If you saturate the color by 10%, you get `89, 11.232, 226.432`, and if you desaturate by 10%, it is `95, 2.301, 44.982`.

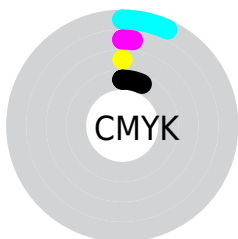
Distribution



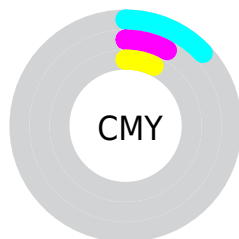
- Red (87%)
- Green (92%)
- Blue (93%)



- Red (87%)
- Yellow (90%)
- Blue (93%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 4.627, 225.885 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, 4.627, 225.885 by changing the saturation by 10% instead.

■ 92, 4.627, 225.885

■ 92, 4.627, 225.885

■ 100, 4.627,
225.885

■ 82, 4.627, 225.885

■ 72, 4.627, 225.885

■ 62, 4.627, 225.885

■ 52, 4.627, 225.885

■ 42, 4.627, 225.885

■ 32, 4.627, 225.885

■ 22, 4.627, 225.885

■ 12, 4.627, 225.885

■ 2, 4.627, 225.885

92, 4.627, 225.885

92, 4.627, 225.885

89, 11.232,
226.432

95, 2.301, 44.982

86, 17.426,
227.281

97, 5.111, 71.276

83, 23.114,
228.415

99, 7.094, 101.082

100, 8.504,
109.532

80, 28.200,
229.899

78, 32.598,
231.816

75, 36.253,
234.259

73, 39.160,
237.320

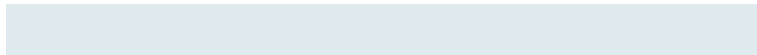
71, 41.387,
241.070

■ 69, 43.102,
245.508

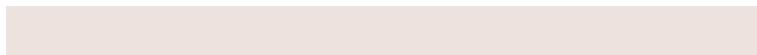
Harmonies

Complementary

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



92, 4.627, 225.885



91, 4.809, 44.974

Rectangle

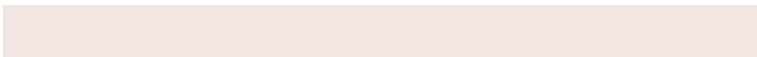
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



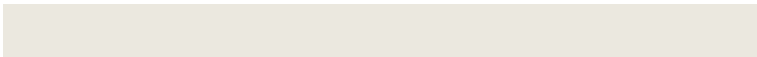
92, 4.627, 225.885



92, 4.627, 275.885



92, 4.627, 45.885



92, 4.627, 95.885

Sweetspot

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



92, 4.627, 225.857



99, 1.473, 225.911



93, 8.559, 151.321



53, 0.838, 225.928



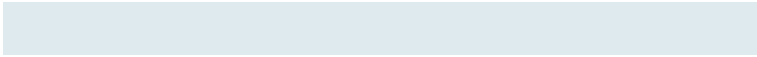
0, 0.000, 0.000



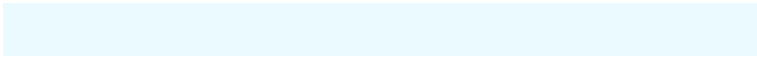
53, 0.007, 296.813

Same Dimension

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



92, 4.627, 225.857



97, 5.805, 225.911



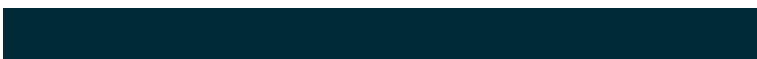
90, 6.255, 276.962



49, 3.908, 225.981



54, 35.734, 246.176



15, 15.119, 238.821

Inverse Universe

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



90, 8.490, 332.724



95, 10.694, 332.818



93, 6.217, 95.259



47, 7.231, 332.920



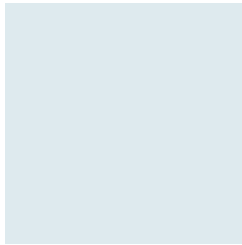
41, 74.598, 341.336



9, 33.384, 339.083

Previews

White Background



This preview shows how the CIELCh color 92, 4.627, 225.885 looks on a white background.

Color Contrast Check

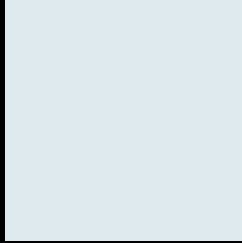
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 92, 4.627, 225.885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

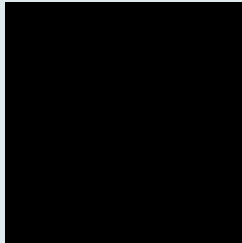
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

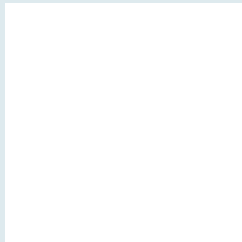
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 4.627, 225.885

Background



This preview shows how black text looks on a background with the CIELCh color 92, 4.627, 225.885.

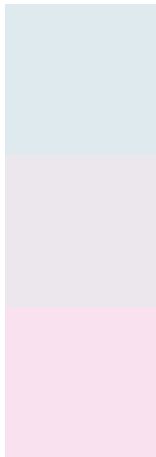


This preview shows how white text looks on a background with the CIELCh color 92, 4.627, 225.885.

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, 4.627, 225.885

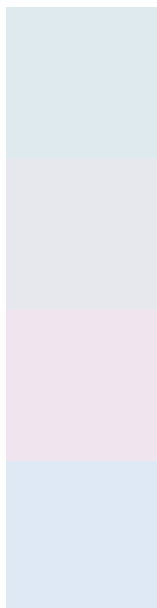
Protanopia
92, 2.972, 318.826

Deuteranopia
92, 11.840, 339.360



Tritanopia
92, 10.149, 275.402

Trichromacy



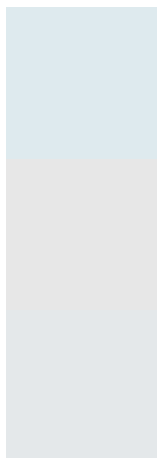
Original Color
92, 4.627, 225.885

Protanomaly
92, 2.677, 275.194

Deuteranomaly
92, 7.143, 327.015

Tritanomaly
92, 7.489, 263.444

Monochromacy



Original Color
92, 4.627, 225.885

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.741, 236.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 4.627, 225.885 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(222, 234, 238)` looks like.

```
.text, #text, p{  
    color:rgb(222, 234, 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(222, 234, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 234, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 4.627, 225.885 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(222, 234, 238) }
```

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

```
.border{ border-color:rgb(222, 234, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 234, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 234, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 234, 238);  
box-shadow:4px 4px 4px 4px rgb(222, 234,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 4.627, 225.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 234, 238) }
```

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

```
.background{ background-color: rgb(222,  
234, 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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