

Converting Colors

CIELCh(91, 8.258, 247.353)

Have a look what the booklet for
CIELCh(91, 8.258, 247.353) contains.

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Color

CIELCh(91, 8.409, 247.024)

Conversions

Conversions Part 1

Format	Color
Hex	D7E8F4
RGB	215, 232, 244
RGB Percent	84%, 91%, 96%
CMY	0.1579, 0.0912, 0.0442
CMYK	0.12, 0.05, 0.00, 0.04
HSL	205°, 56%, 90%
HSV	205°, 12%, 96%
XYZ	73.0146, 78.4833, 96.6713
YIQ	228.2850, -13.9840, 0.1280

Conversions

Conversions Part 2

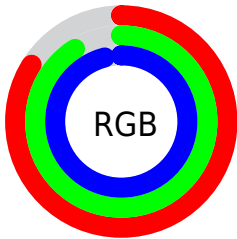
Format	Color
R _Y B	215, 226, 244
Decimal	14149876
CIE Lab	91.00, -3.28, -7.74
CIE LCh	91, 8.409, 247.024
Yxy	78.4833, 0.2942, 0.3162
Android (android.graphics.Color)	4292339956 (0xFFD7E8F4)
YUV	228.2850, 7.7475, -11.6509
Hunter-Lab	88.5908, -7.9181, -2.6843

Details

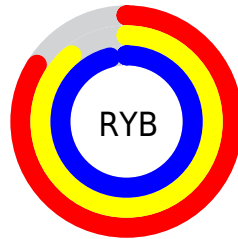
The CIELCh color `91, 8.409, 247.024` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `91, 8.806, 64.222`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 8.567, 249.199` is the 20% darker color. If you saturate the color by 10%, you get `87, 15.262, 248.446`, and if you desaturate by 10%, it is `95, 1.361, 246.112`.

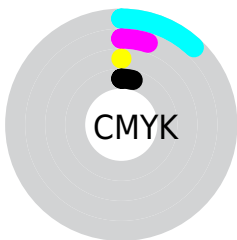
Distribution



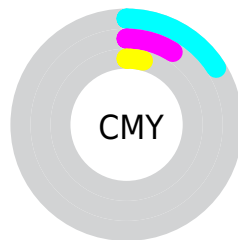
- Red (84%)
- Green (91%)
- Blue (96%)



- Red (84%)
- Yellow (89%)
- Blue (96%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 8.409, 247.024 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 91, 8.409, 247.024 by changing the saturation by 10% instead.

91, 8.409, 247.024

91, 8.409, 247.024

100, 8.409,
247.024

81, 8.409, 247.024

71, 8.409, 247.024

61, 8.409, 247.024

51, 8.409, 247.024

41, 8.409, 247.024

31, 8.409, 247.024

21, 8.409, 247.024

11, 8.409, 247.024

1, 8.409, 247.024

■ 91, 8.409, 247.024

■ 91, 8.409, 247.024

■ 87, 15.262,
248.446

■ 95, 1.361, 246.112

■ 83, 21.869,
250.215

■ 99, 4.274, 94.923

■ 79, 28.180,
252.374

■ 100, 5.704,
109.738

■ 75, 34.159,
254.999

■ 71, 39.793,
258.161

■ 67, 45.114,
261.911

■ 64, 50.212,
266.246

■ 61, 55.236,
271.074

■ 58, 59.400,
275.130

Harmonies

Complementary

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



91, 8.409, 247.024



91, 8.806, 64.222

Rectangle

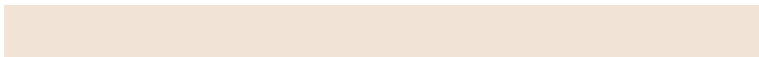
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 8.409, 247.024



91, 8.409, 297.024



91, 8.409, 67.024



91, 8.409, 117.024

Sweetspot

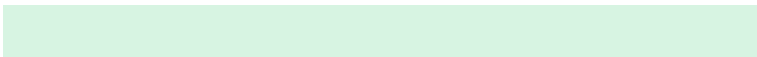
The Sweet Spot groups the original color and five complimentary colors.



91, 8.408, 247.010



98, 2.964, 246.154



94, 13.687, 157.729



52, 2.104, 246.213



0, 0.000, 0.000



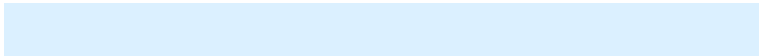
53, 0.007, 296.813

Same Dimension

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



91, 8.408, 247.010



94, 10.236, 247.291



87, 13.672, 287.168



49, 4.044, 246.713



45, 47.839, 274.222



12, 19.080, 266.312

Inverse Universe

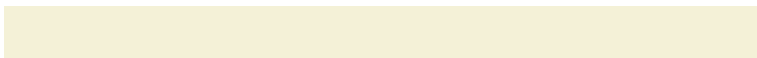
The Inverse Universe completely reimagines the original color for something new.



89, 13.690, 340.173



91, 16.745, 340.355



95, 13.380, 104.545



48, 6.549, 339.970



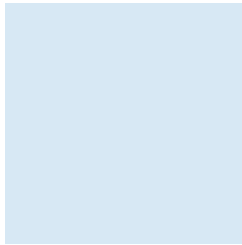
41, 68.580, 354.103



9, 31.291, 349.476

Previews

White Background



This preview shows how the CIELCh color 91, 8.409, 247.024 looks on a white background.

Color Contrast Check

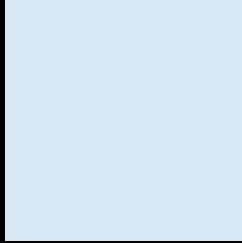
Large Text (above 18pt) WCAG AA × Fail

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 91, 8.409, 247.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

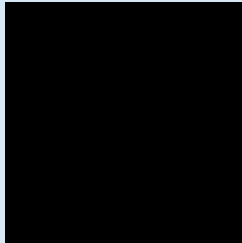
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

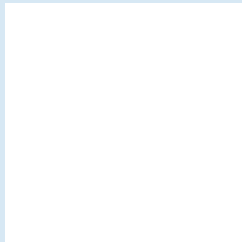
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 8.409, 247.024

Background



This preview shows how black text looks on a background with the CIELCh color 91, 8.409, 247.024.



This preview shows how white text looks on a background with the CIELCh color 91, 8.409, 247.024.

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](#).

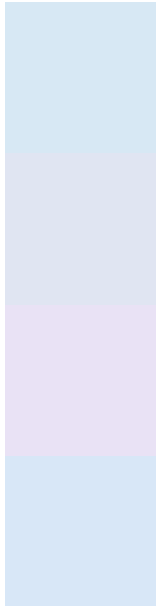
Dichromacy





Tritanopia
91, 10.517, 262.052

Trichromacy



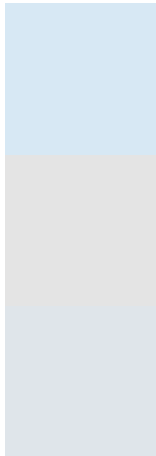
Original Color
91, 8.409, 247.024

Protanomaly
91, 6.933, 276.282

Deuteranomaly
91, 10.198, 304.748

Tritanomaly
91, 9.635, 258.899

Monochromacy



Original Color
91, 8.409, 247.024

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 3.317, 251.035

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 8.409, 247.024 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(215, 232, 244)` looks like.

```
.text, #text, p{  
    color:rgb(215, 232, 244)  
}
```

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(215, 232, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 232, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 8.409, 247.024 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(215, 232, 244) }
```

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

```
.border{ border-color:rgb(215, 232, 244) }
```

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

Here you see how a box with a 4 pixel rgb(215, 232, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 232, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 232, 244);  
box-shadow:4px 4px 4px 4px rgb(215, 232,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 8.409, 247.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 232, 244) }
```

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

```
.background{ background-color: rgb(215,  
232, 244) }
```

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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