

Converting Colors

CIELCh(91, 7.302, 244.450)

Have a look what the booklet for
CIELCh(91, 7.302, 244.450) contains.

CIELCh(91, 7.467, 243.266)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(91, 7.467, 243.266)

Conversions

Conversions Part 1

Format	Color
Hex	D8E8F2
RGB	216, 232, 242
RGB Percent	85%, 91%, 95%
CMY	0.1541, 0.0914, 0.0522
CMYK	0.11, 0.04, 0.00, 0.05
HSL	203°, 49%, 90%
HSV	203°, 11%, 95%
XYZ	72.9780, 78.4833, 95.0613
YIQ	228.3560, -12.7460, -0.2820

Conversions

Conversions Part 2

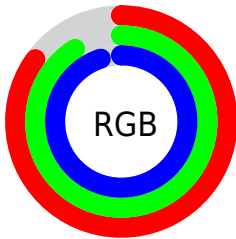
Format	Color
R _Y B	216, 226, 242
Decimal	14215410
CIE Lab	91.00, -3.36, -6.67
CIE LCh	91, 7.467, 243.266
Yxy	78.4833, 0.2960, 0.3184
Android (android.graphics.Color)	4292405490 (0xFFD8E8F2)
YUV	228.3560, 6.7265, -10.8362
Hunter-Lab	88.5908, -7.9919, -1.6068

Details

The CIELCh color **91, 7.467, 243.266** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 7.820, 60.894**, 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, 7.563, 245.490** is the 20% darker color. If you saturate the color by 10%, you get **87, 14.173, 244.560**, and if you desaturate by 10%, it is **95, 0.537, 243.056**.

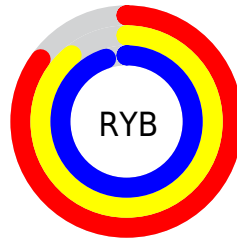
Distribution



Red (85%)

Green (91%)

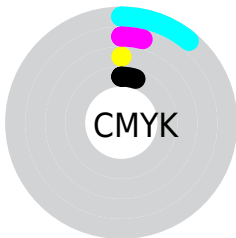
Blue (95%)



Red (85%)

Yellow (89%)

Blue (95%)

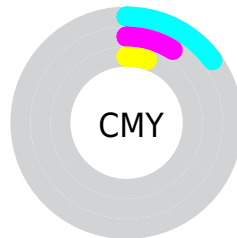


Cyan (11%)

Magenta (4%)

Yellow (0%)

Black (5%)



Cyan (15%)

Magenta (9%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 7.467, 243.266 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, 7.467, 243.266 by changing the saturation by 10% instead.

■ 91, 7.467, 243.266

■ 91, 7.467, 243.266

■ 100, 7.467,
243.266

■ 81, 7.467, 243.266

■ 71, 7.467, 243.266

■ 61, 7.467, 243.266

■ 51, 7.467, 243.266

■ 41, 7.467, 243.266

■ 31, 7.467, 243.266

■ 21, 7.467, 243.266

■ 11, 7.467, 243.266

■ 1, 7.467, 243.266

91, 7.467, 243.266

91, 7.467, 243.266

87, 14.173,
244.560

95, 0.537, 243.056

83, 20.598,
246.196

99, 4.657, 88.667

100, 6.737,
109.662

79, 26.683,
248.212

76, 32.378,
250.687

72, 37.659,
253.701

69, 42.540,
257.318

65, 47.099,
261.561

62, 51.477,
266.370

■ 60, 55.559,
271.080

Harmonies

Complementary

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



91, 7.467, 243.266



91, 7.820, 60.894

Rectangle

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



91, 7.467, 243.266



91, 7.467, 293.266



91, 7.467, 63.266



91, 7.467, 113.266

Sweetspot

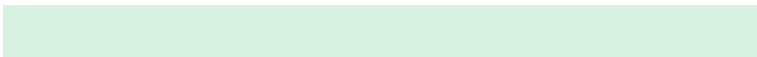
The Sweet Spot groups the original color and five complimentary colors.



91, 7.466, 243.250



99, 2.203, 242.557



93, 12.440, 157.071



52, 1.667, 242.589



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, 7.466, 243.250



94, 9.392, 243.521



88, 12.032, 286.221



48, 3.926, 243.106



46, 44.611, 270.120



12, 17.597, 261.659

Inverse Universe

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



89, 12.534, 338.692



92, 15.854, 338.878



94, 11.810, 103.827



47, 6.570, 338.587



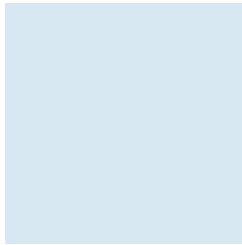
40, 68.779, 351.558



9, 30.895, 347.228

Previews

White Background



This preview shows how the CIELCh color 91, 7.467, 243.266 looks on a white background.

Color Contrast Check

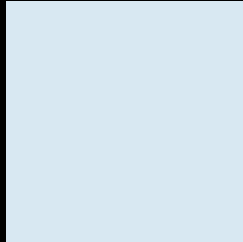
Large Text (above 18pt) WCAG AA × Fail

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, 7.467, 243.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

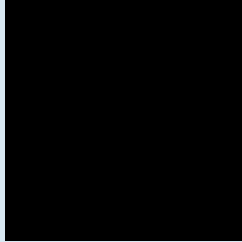
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

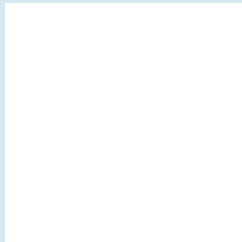
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 7.467, 243.266

Background



This preview shows how black text looks on a background with the CIELCh color 91, 7.467, 243.266.



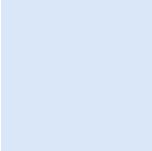
This preview shows how white text looks on a background with the CIELCh color 91, 7.467, 243.266.

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](#).

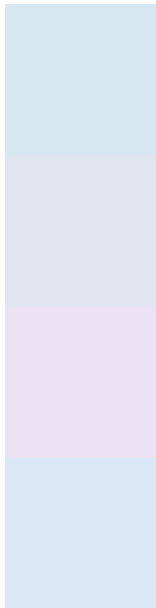
Dichromacy





Tritanopia
91, 10.368, 263.689

Trichromacy



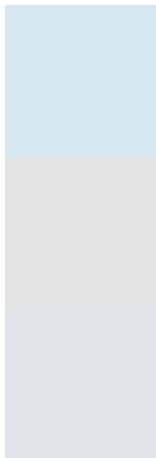
Original Color
91, 7.467, 243.266

Protanomaly
91, 5.852, 276.904

Deuteranomaly
91, 9.297, 308.342

Tritanomaly
91, 9.032, 258.905

Monochromacy



Original Color
91, 7.467, 243.266

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.703, 249.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 7.467, 243.266 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(216, 232, 242)` looks like.

```
.text, #text, p{  
    color:rgb(216, 232, 242)  
}
```

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(216, 232, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 232, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 7.467, 243.266 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(216, 232, 242) }
```

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

```
.border{ border-color:rgb(216, 232, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 232, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 232, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 232, 242);  
box-shadow:4px 4px 4px 4px rgb(216, 232,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 7.467, 243.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 232, 242) }
```

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

```
.background{ background-color: rgb(216,  
232, 242) }
```

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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