

Converting Colors

CIELCh(91, 8.221, 236.875)

Have a look what the booklet for
CIELCh(91, 8.221, 236.875) contains.

CIELCh(91, 8.218, 238.349)	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, 8.218, 238.349)

Conversions

Conversions Part 1

Format	Color
Hex	D5E8F2
RGB	213, 232, 242
RGB Percent	84%, 91%, 95%
CMY	0.1636, 0.0891, 0.0499
CMYK	0.12, 0.04, 0.00, 0.05
HSL	201°, 53%, 89%
HSV	201°, 12%, 95%
XYZ	72.5231, 78.4833, 95.5498
YIQ	227.4590, -14.5340, -0.9180

Conversions

Conversions Part 2

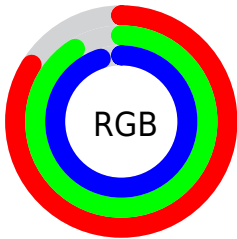
Format	Color
R _Y B	213, 224, 242
Decimal	14018802
CIE Lab	91.00, -4.31, -7.00
CIE LCh	91, 8.218, 238.349
Yxy	78.4833, 0.2941, 0.3183
Android (android.graphics.Color)	4292208882 (0xFFD5E8F2)
YUV	227.4590, 7.1687, -12.6805
Hunter-Lab	88.5908, -8.9085, -1.9337

Details

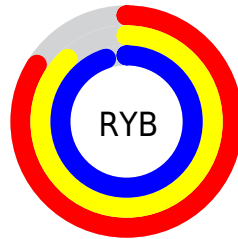
The CIELCh color `91, 8.218, 238.349` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `90, 8.719, 56.051`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 8.316, 240.249` is the 20% darker color. If you saturate the color by 10%, you get `87, 14.777, 239.532`, and if you desaturate by 10%, it is `95, 1.381, 237.680`.

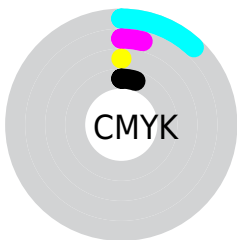
Distribution



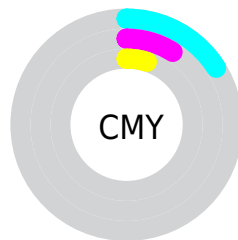
- Red (84%)
- Green (91%)
- Blue (95%)



- Red (84%)
- Yellow (88%)
- Blue (95%)



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



- Cyan (16%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 8.218, 238.349 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, 8.218, 238.349 by changing the saturation by 10% instead.

■ 91, 8.218, 238.349

■ 91, 8.218, 238.349

■ 100, 8.218,
238.349

■ 81, 8.218, 238.349

■ 71, 8.218, 238.349

■ 61, 8.218, 238.349

■ 51, 8.218, 238.349

■ 41, 8.218, 238.349

■ 31, 8.218, 238.349

■ 21, 8.218, 238.349

■ 11, 8.218, 238.349

■ 1, 8.218, 238.349

91, 8.218, 238.349

91, 8.218, 238.349

87, 14.777,
239.532

95, 1.381, 237.680

84, 20.990,
241.050

98, 4.004, 77.575

80, 26.785,
242.949

100, 6.438,
109.684

77, 32.101,
245.310

73, 36.901,
248.222

70, 41.192,
251.762

67, 45.047,
255.968

65, 48.617,
260.800

■ 63, 51.452,
264.940

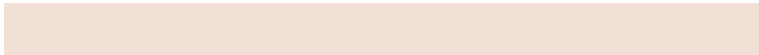
Harmonies

Complementary

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



91, 8.218, 238.349



90, 8.719, 56.051

Rectangle

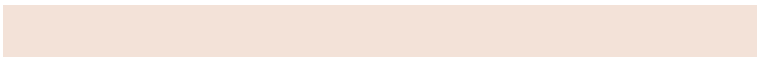
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 8.218, 238.349



91, 8.218, 288.349



91, 8.218, 58.349



91, 8.218, 108.349

Sweetspot

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



91, 8.218, 238.334



98, 2.905, 237.662



93, 14.407, 154.806



52, 2.061, 237.701



0, 0.000, 0.000



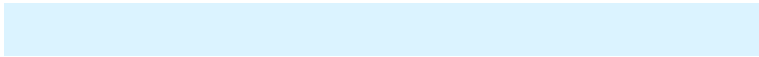
53, 0.007, 296.813

Same Dimension

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



91, 8.218, 238.334



94, 9.978, 238.557



87, 12.721, 283.781



49, 3.952, 238.086



49, 41.775, 264.010



14, 17.168, 255.988

Inverse Universe

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



88, 14.391, 336.992



91, 17.570, 337.154



94, 12.511, 100.989



48, 6.875, 336.799



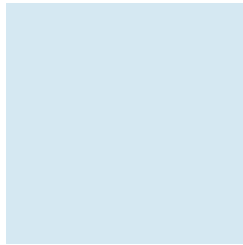
41, 70.930, 348.328



9, 32.412, 344.834

Previews

White Background



This preview shows how the CIELCh color 91, 8.218, 238.349 looks on a white background.

Color Contrast Check

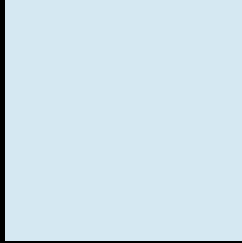
Large Text (above 18pt) WCAG AA × Fail

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 91, 8.218, 238.349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

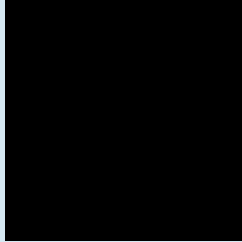
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

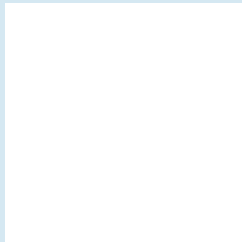
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 8.218, 238.349

Background



This preview shows how black text looks on a background with the CIELCh color 91, 8.218, 238.349.

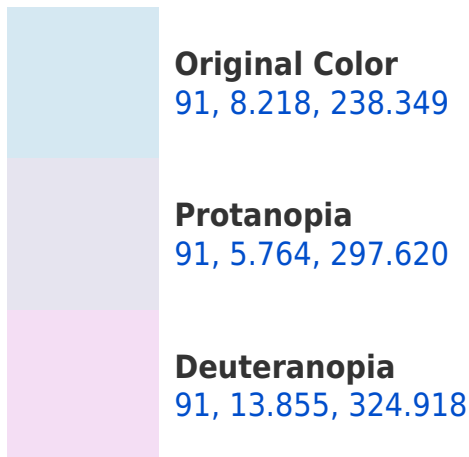


This preview shows how white text looks on a background with the CIELCh color 91, 8.218, 238.349.

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](#).

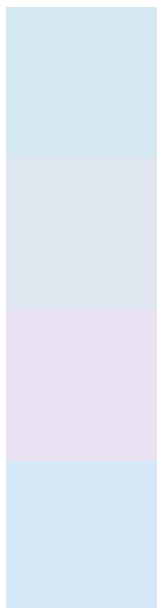
Dichromacy





Tritanopia
91, 10.673, 260.465

Trichromacy



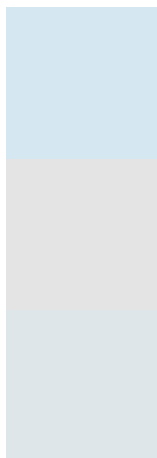
Original Color
91, 8.218, 238.349

Protanomaly
91, 5.555, 268.576

Deuteranomaly
91, 9.195, 306.263

Tritanomaly
91, 9.988, 255.595

Monochromacy



Original Color
91, 8.218, 238.349

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.892, 232.055

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 8.218, 238.349 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(213, 232, 242)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 232, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 232, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 8.218, 238.349 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(213, 232, 242) }
```

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

```
.border{ border-color:rgb(213, 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(213, 232, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 232, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 232, 242);  
box-shadow:4px 4px 4px 4px rgb(213, 232,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 8.218, 238.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 232, 242) }
```

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

```
.background{ background-color: rgb(213,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor