

Converting Colors

CIELCh(91, 8.099, 304.599)

Have a look what the booklet for
CIELCh(91, 8.099, 304.599) contains.

CIELCh(91, 8.006, 303.383)	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, 8.006, 303.383)

Conversions

Conversions Part 1

Format	Color
Hex	E8E3F2
RGB	232, 227, 242
RGB Percent	91%, 89%, 95%
CMY	0.0903, 0.1099, 0.0511
CMYK	0.04, 0.06, 0.00, 0.05
HSL	260°, 37%, 92%
HSV	260°, 6%, 95%
XYZ	76.7540, 78.4833, 95.0856
YIQ	230.2050, -1.8350, 5.7250

Conversions

Conversions Part 2

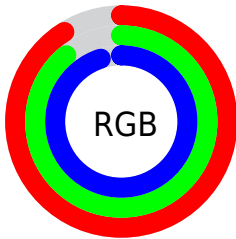
Format	Color
R_{YB}	232, 227, 242
Decimal	15262706
CIE _{Lab}	91.00, 4.41, -6.69
CIE _{LCh}	91, 8.006, 303.383
Yxy	78.4833, 0.3066, 0.3135
Android (android.graphics.Color)	4293452786 (0xFFE8E3F2)
YUV	230.2050, 5.8149, 1.5742
Hunter-Lab	88.5908, -0.3837, -1.6231

Details

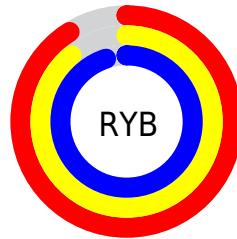
The CIELCh color `91, 8.006, 303.383` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `95, 7.898, 122.717`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 7.814, 301.707` is the 20% darker color. If you saturate the color by 10%, you get `84, 21.273, 303.998`, and if you desaturate by 10%, it is `98, 4.807, 122.861`.

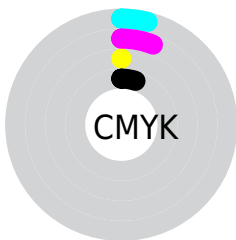
Distribution



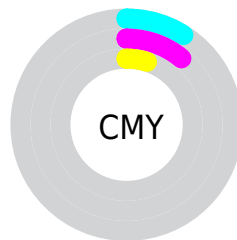
- Red (91%)
- Green (89%)
- Blue (95%)



- Red (91%)
- Yellow (89%)
- Blue (95%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 8.006, 303.383 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, 8.006, 303.383 by changing the saturation by 10% instead.

91, 8.006, 303.383

91, 8.006, 303.383

100, 8.006,
303.383

81, 8.006, 303.383

71, 8.006, 303.383

61, 8.006, 303.383

51, 8.006, 303.383

41, 8.006, 303.383

31, 8.006, 303.383

21, 8.006, 303.383

11, 8.006, 303.383

1, 8.006, 303.383

91, 8.006, 303.383

91, 8.006, 303.383

84, 21.273,
303.998

98, 4.807, 122.861

77, 34.996,
304.691

100, 6.593,
109.673

69, 49.133,
305.458

62, 63.578,
306.283

55, 78.093,
307.131

49, 92.214,
307.935

43, 105.129,
308.580

39, 115.636,
308.908

■ 35,122.453,
308.750

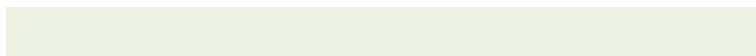
Harmonies

Complementary

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



91, 8.006, 303.383



95, 7.898, 122.717

Rectangle

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



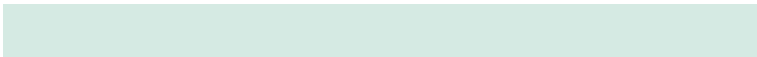
91, 8.006, 303.383



91, 8.006, 353.383



91, 8.006, 123.383



91, 8.006, 173.383

Sweetspot

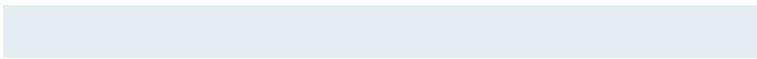
The Sweet Spot groups the original color and five complimentary colors.



91, 8.004, 303.377



98, 2.683, 303.124



93, 4.285, 234.252



53, 1.526, 303.117



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, 8.004, 303.377



95, 9.445, 303.426



92, 8.932, 319.558



47, 5.839, 303.459



25, 100.862, 308.788



4, 38.924, 306.939

Inverse Universe

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



92, 7.468, 336.042



95, 8.807, 336.107



94, 8.890, 139.049



48, 5.442, 336.151



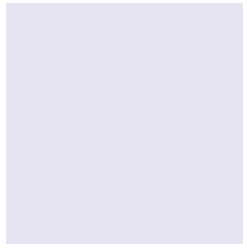
41, 70.685, 347.393



9, 31.755, 343.921

Previews

White Background



This preview shows how the CIELCh color 91, 8.006, 303.383 looks on a white background.

Color Contrast Check

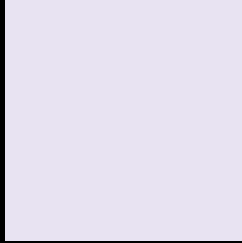
Large Text (above 18pt) WCAG AA × Fail

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, 8.006, 303.383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

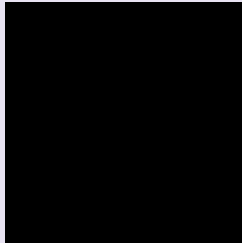
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

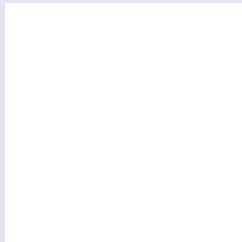
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 8.006, 303.383

Background



This preview shows how black text looks on a background with the CIELCh color 91, 8.006, 303.383.

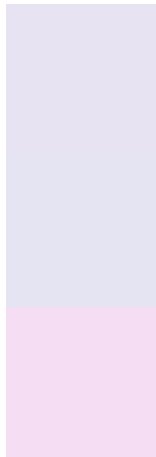


This preview shows how white text looks on a background with the CIELCh color 91, 8.006, 303.383.

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

91, 8.006, 303.383

Protanopia

91, 7.281, 293.506

Deuteranopia

91, 13.640, 327.398



Tritanopia
91, 9.020, 301.989

Trichromacy



Original Color
91, 8.006, 303.383

Protanomaly
91, 7.310, 296.231

Deuteranomaly
91, 11.407, 320.392

Tritanomaly
91, 8.513, 302.642

Monochromacy



Original Color
91, 8.006, 303.383

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 2.703, 305.571

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 8.006, 303.383 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(232, 227, 242)` looks like.

```
.text, #text, p{  
    color:rgb(232, 227, 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(232, 227, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 227, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 8.006, 303.383 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(232, 227, 242) }
```

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

```
.border{ border-color:rgb(232, 227, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 227, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 227, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 227, 242);  
box-shadow:4px 4px 4px 4px rgb(232, 227,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 8.006, 303.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 227, 242) }
```

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

```
.background{ background-color: rgb(232,  
227, 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