

Converting Colors

CIE LCh(91, 6.035, 325.371)

Have a look what the booklet for
CIELCh(91, 6.035, 325.371) contains.

CIELCh(91, 6.320, 324.629)	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, 6.320, 324.629)

Conversions

Conversions Part 1

Format	Color
Hex	ECE2EC
RGB	236, 226, 236
RGB Percent	93%, 89%, 93%
CMY	0.0735, 0.1127, 0.0735
CMYK	0.00, 0.04, 0.00, 0.07
HSL	300°, 21%, 91%
HSV	300°, 4%, 93%
XYZ	77.1247, 78.4833, 90.6404
YIQ	230.1300, 2.7500, 5.2300

Conversions

Conversions Part 2

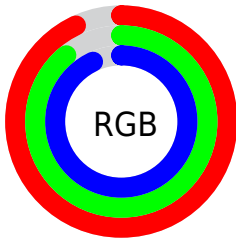
Format	Color
R _Y B	236, 226, 236
Decimal	15524588
CIE Lab	91.00, 5.15, -3.66
CIE LCh	91, 6.320, 324.629
Yxy	78.4833, 0.3132, 0.3187
Android (android.graphics.Color)	4293714668 (0xFFECE2EC)
YUV	230.1300, 2.8939, 5.1480
Hunter-Lab	88.5908, 0.3631, 1.3519

Details

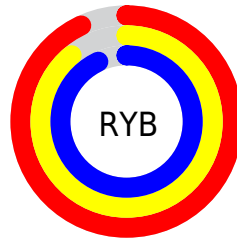
The CIELCh color `91, 6.320, 324.629` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 6.298, 144.249`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 5.986, 324.672` is the 20% darker color. If you saturate the color by 10%, you get `85, 21.359, 325.213`, and if you desaturate by 10%, it is `97, 8.505, 144.165`.

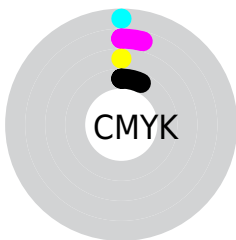
Distribution



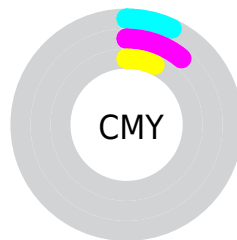
- Red (93%)
- Green (89%)
- Blue (93%)



- Red (93%)
- Yellow (89%)
- Blue (93%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 6.320, 324.629 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, 6.320, 324.629 by changing the saturation by 10% instead.

91, 6.320, 324.629

91, 6.320, 324.629

100, 6.320,
324.629

81, 6.320, 324.629

71, 6.320, 324.629

61, 6.320, 324.629

51, 6.320, 324.629

41, 6.320, 324.629

31, 6.320, 324.629

21, 6.320, 324.629

11, 6.320, 324.629

1, 6.320, 324.629

91, 6.320, 324.629

91, 6.320, 324.629

85, 21.359,
325.213

97, 8.505, 144.165

80, 36.426,
325.765

98, 11.668,
144.040

75, 51.231,
326.295

98, 11.668,
144.040

70, 65.376,
326.791

98, 11.668,
144.041

66, 78.351,
327.234

98, 11.667,
144.042

62, 89.574,
327.607

98, 11.667,
144.042

59, 98.481,
327.897

98, 11.667,
144.043

57, 104.668,
328.094

98, 11.667,
144.043

■ 56, 108.060,
328.201

■ 98, 11.667,
144.044

Harmonies

Complementary

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



91, 6.320, 324.629



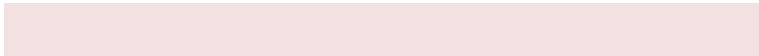
93, 6.298, 144.249

Rectangle

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



91, 6.320, 324.629



91, 6.320, 14.629



91, 6.320, 144.629



91, 6.320, 194.629

Sweetspot

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



91, 6.317, 324.629



99, 1.592, 324.304



90, 5.200, 290.611



53, 0.905, 324.291



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, 6.317, 324.629



97, 7.944, 324.680



91, 4.438, 343.895



47, 5.063, 324.720



43, 89.362, 328.233



9, 38.267, 328.233

Inverse Universe

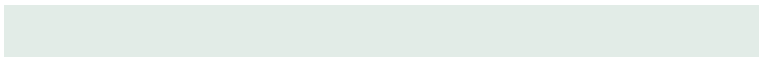
The Inverse Universe completely reimagines the original color for something new.



91, 6.317, 324.629



97, 7.944, 324.680



93, 4.401, 163.408



47, 5.063, 324.720



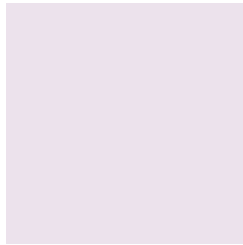
43, 89.362, 328.233



9, 38.267, 328.233

Previews

White Background



This preview shows how the CIELCh color 91, 6.320, 324.629 looks on a white background.

Color Contrast Check

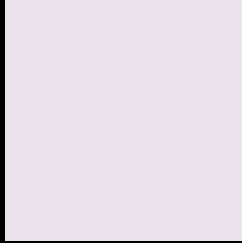
Large Text (above 18pt) WCAG AA × Fail

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, 6.320, 324.629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

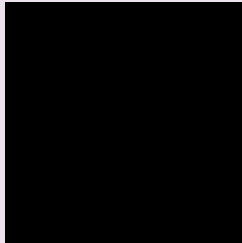
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

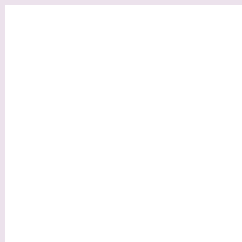
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 6.320, 324.629

Background



This preview shows how black text looks on a background with the CIELCh color 91, 6.320, 324.629.

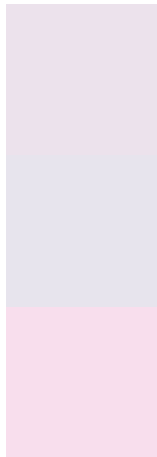


This preview shows how white text looks on a background with the CIELCh color 91, 6.320, 324.629.

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, 6.320, 324.629

Protanopia

91, 4.806, 303.241

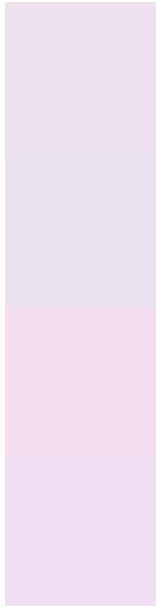
Deuteranopia

91, 12.140, 340.514



Tritanopia
91, 10.296, 314.958

Trichromacy



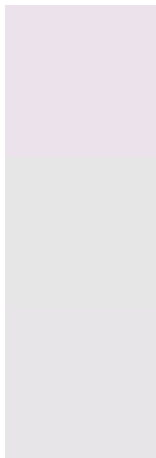
Original Color
91, 6.320, 324.629

Protanomaly
91, 5.634, 312.628

Deuteranomaly
91, 9.842, 336.929

Tritanomaly
91, 9.364, 317.554

Monochromacy



Original Color
91, 6.320, 324.629

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.904, 324.362

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 6.320, 324.629 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(236, 226, 236)` looks like.

```
.text, #text, p{  
    color:rgb(236, 226, 236)  
}
```

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(236, 226, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 226, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 6.320, 324.629 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(236, 226, 236) }
```

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

```
.border{ border-color:rgb(236, 226, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 226, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 226, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 226, 236);  
box-shadow:4px 4px 4px 4px rgb(236, 226,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 6.320, 324.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 226, 236) }
```

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

```
.background{ background-color: rgb(236,  
226, 236) }
```

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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