

Converting Colors

CIELCh(91, 2.689, 324.446)

Have a look what the booklet for
CIELCh(91, 2.689, 324.446) contains.

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Color

CIELCh(91, 2.536, 324.423)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E8E4E8 |
| RGB | 232, 228, 232 |
| RGB Percent | 91%, 89%, 91% |
| CMY | 0.0901, 0.1058, 0.0901 |
| CMYK | 0.00, 0.02, 0.00, 0.09 |
| HSL | 300°, 8%, 90% |
| HSV | 300°, 2%, 91% |
| XYZ | 75.6014, 78.4833, 87.5218 |
| YIQ | 229.6520, 1.1000, 2.0920 |

Conversions

Conversions Part 2

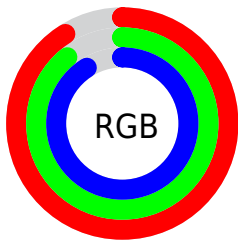
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 232, 228, 232 |
| Decimal | 15262952 |
| CIE Lab | 91.00, 2.06, -1.48 |
| CIE LCh | 91, 2.536, 324.423 |
| Yxy | 78.4833, 0.3129, 0.3248 |
| Android (android.graphics.Color) | 4293453032 (0xFFE8E4E8) |
| YUV | 229.6520, 1.1576, 2.0592 |
| Hunter-Lab | 88.5908, -2.7061, 3.4390 |

Details

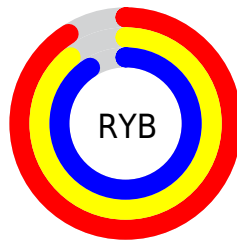
The CIELCh color `91, 2.536, 324.423` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 2.514, 144.460`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `71, 2.003, 324.417` is the 20% darker color. If you saturate the color by 10%, you get `85, 17.316, 325.070`, and if you desaturate by 10%, it is `97, 11.998, 144.019`.

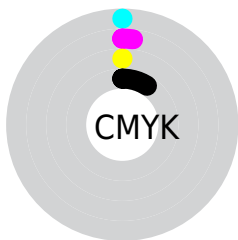
Distribution



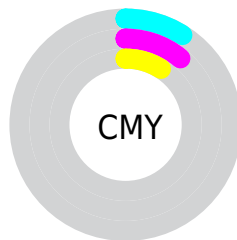
- Red (91%)
- Green (89%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 2.536, 324.423 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, 2.536, 324.423 by changing the saturation by 10% instead.

■ 91, 2.536, 324.423

■ 91, 2.536, 324.423

100, 2.536,
324.423

■ 81, 2.536, 324.423

■ 71, 2.536, 324.423

■ 61, 2.536, 324.423

■ 51, 2.536, 324.423

■ 41, 2.536, 324.423

■ 31, 2.536, 324.423

■ 21, 2.536, 324.423

■ 11, 2.536, 324.423

■ 1, 2.536, 324.423

91, 2.536, 324.423

91, 2.536, 324.423

85, 17.316,
325.070

97, 11.998,
144.019

80, 32.180,
325.626

98, 14.329,
143.928

75, 46.867,
326.162

98, 14.329,
143.927

70, 61.015,
326.667

98, 14.329,
143.927

65, 74.148,
327.125

98, 14.329,
143.926

62, 85.707,
327.517

98, 14.329,
143.926

59, 95.120,
327.829

98, 14.329,
143.925

57, 101.933,
328.051

98, 14.329,
143.925

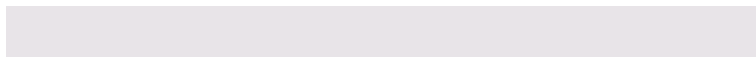
■ 56, 105.975,
328.180

■ 98, 14.329,
143.924

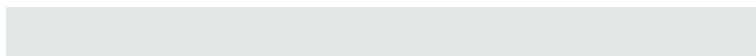
Harmonies

Complementary

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



91, 2.536, 324.423



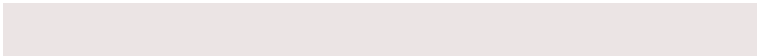
92, 2.514, 144.460

Rectangle

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



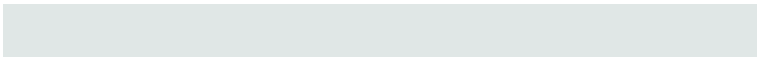
91, 2.536, 324.423



91, 2.536, 14.423



91, 2.536, 144.423



91, 2.536, 194.423

Sweetspot

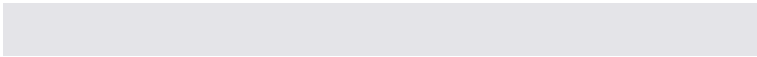
The Sweet Spot groups the original color and five complimentary colors.



91, 2.534, 324.422



99, 1.592, 324.302



91, 2.046, 289.718



53, 0.905, 324.290



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

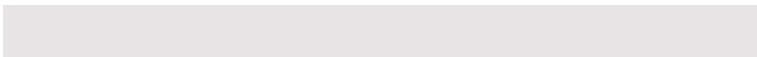
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 2.534, 324.422



99, 3.176, 324.455



91, 1.798, 342.654



48, 1.656, 324.442



42, 88.428, 328.232



9, 37.108, 328.232

Inverse Universe

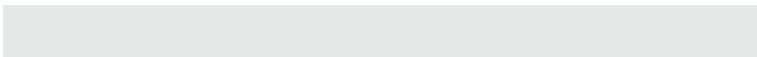
The Inverse Universe completely reimagines the original color for something new.



91, 1.430, 19.077



99, 1.795, 19.156



92, 1.780, 162.877



48, 0.935, 19.126



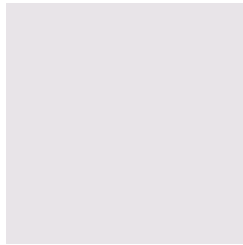
37, 79.983, 39.971



6, 27.105, 21.757

Previews

White Background



This preview shows how the CIE LCh color 91, 2.536, 324.423 looks on a white background.

Color Contrast Check

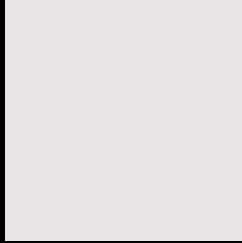
Large Text (above 18pt) WCAG AA × Fail

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, 2.536, 324.423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

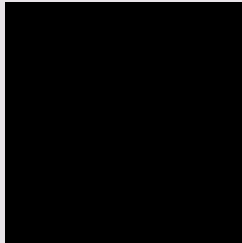
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

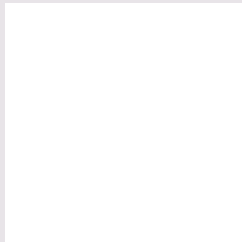
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 2.536, 324.423

Background



This preview shows how black text looks on a background with the CIELCh color 91, 2.536, 324.423.

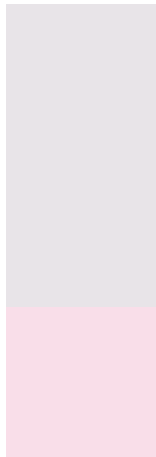


This preview shows how white text looks on a background with the CIELCh color 91, 2.536, 324.423.

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

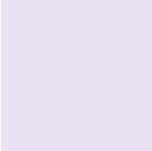
91, 2.536, 324.423

Protanopia

91, 2.536, 324.423

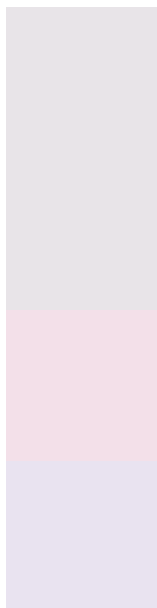
Deuteranopia

91, 11.276, 349.913



Tritanopia
91, 9.792, 307.443

Trichromacy



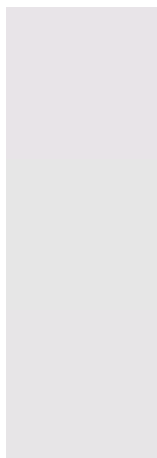
Original Color
91, 2.536, 324.423

Protanomaly
91, 2.536, 324.423

Deuteranomaly
91, 8.277, 345.705

Tritanomaly
91, 7.098, 307.946

Monochromacy



Original Color
91, 2.536, 324.423

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.273, 324.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 2.536, 324.423 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, 228, 232)` looks like.

```
.text, #text, p{  
    color:rgb(232, 228, 232)  
}
```

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, 228, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 228, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 2.536, 324.423 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, 228, 232) }
```

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

```
.border{ border-color:rgb(232, 228, 232) }
```

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

Here you see how a box with a 4 pixel rgb(232, 228, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 228, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 228, 232);  
box-shadow:4px 4px 4px 4px rgb(232, 228,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 2.536, 324.423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 228, 232) }
```

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

```
.background{ background-color: rgb(232,  
228, 232) }
```

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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