

Converting Colors

CIELCh(72, 27.866, 357.621)

Have a look what the booklet for
CIELCh(72, 27.866, 357.621)
contains.

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Color

CIELCh(72, 27.936, 358.315)

Conversions

Conversions Part 1

Format	Color
Hex	E19EB3
RGB	225, 158, 179
RGB Percent	88%, 62%, 70%
CMY	0.1181, 0.3808, 0.2984
CMYK	0.00, 0.30, 0.20, 0.12
HSL	341°, 53%, 75%
HSV	341°, 30%, 88%
XYZ	51.3525, 43.6590, 48.3136
YIQ	180.4270, 33.1910, 20.7350

Conversions

Conversions Part 2

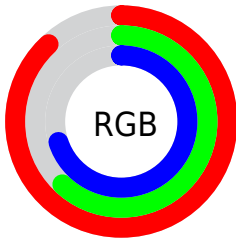
Format	Color
R _Y B	225, 158, 179
Decimal	14786227
CIE Lab	72.00, 27.92, -0.82
CIE LCh	72, 27.936, 358.315
Yxy	43.6590, 0.3583, 0.3046
Android (android.graphics.Color)	4292976307 (0xFFE19EB3)
YUV	180.4270, -0.7035, 39.0905
Hunter-Lab	66.0750, 23.0963, 2.9001

Details

The CIELCh color $72, 27.936, 358.315$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $85, 25.681, 172.087$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 18.927, 343.773$, and $52, 27.951, 359.034$ is the 20% darker color. If you saturate the color by 10%, you get $67, 37.672, 359.841$, and if you desaturate by 10%, it is $78, 18.275, 357.034$.

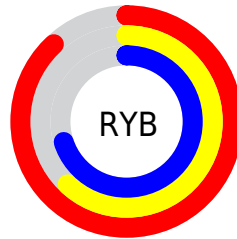
Distribution



Red (88%)

Green (62%)

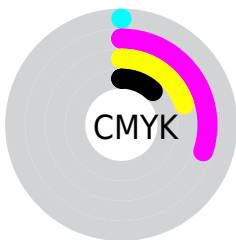
Blue (70%)



Red (88%)

Yellow (62%)

Blue (70%)

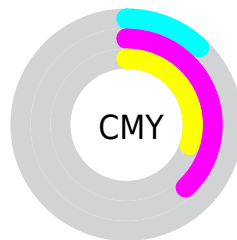


Cyan (0%)

Magenta (30%)

Yellow (20%)

Black (12%)



Cyan (12%)


Magenta (38%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 27.936, 358.315 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 72, 27.936, 358.315 by changing the saturation by 10% instead.


 72, 27.936,
358.315


 72, 27.936,
358.315


 100, 27.936,
358.315


 62, 27.936,
358.315


 92, 27.936,
358.315

 52, 27.936,
358.315

 42, 27.936,
358.315

 32, 27.936,
358.315

 22, 27.936,
358.315

 12, 27.936,
358.315

 2, 27.936, 358.315

0, 27.936, 358.315

72, 27.936,
358.315

72, 27.936,
358.315

67, 37.672,
359.841

78, 18.275,
357.034

62, 47.218, 1.692

84, 8.872, 355.912

57, 56.188, 3.991

90, 0.184, 177.829

53, 64.133, 6.896

96, 8.851, 174.239

51, 70.661, 10.582

98, 10.208,
198.826

49, 75.628, 15.189

48, 79.482, 20.575

48, 79.568, 20.689

Harmonies

Complementary

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



72, 27.936, 358.315



85, 25.681, 172.087

Rectangle

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



72, 27.936, 358.315



72, 27.936, 48.315



72, 27.936, 178.315



72, 27.936, 228.315

Sweetspot

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



72, 27.933, 358.318



94, 9.021, 355.835



71, 39.839, 316.483



49, 6.287, 355.992



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 27.933, 358.318



77, 37.645, 359.270



74, 23.159, 37.562



44, 5.135, 355.875



37, 65.904, 19.668



6, 25.385, 6.966

Inverse Universe

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



72, 27.933, 358.318



77, 37.645, 359.270



82, 18.792, 218.672



44, 5.135, 355.875



37, 65.904, 19.668



6, 25.385, 6.966

Previews

White Background



This preview shows how the CIELCh color 72, 27.936, 358.315 looks on a white background.

Color Contrast Check

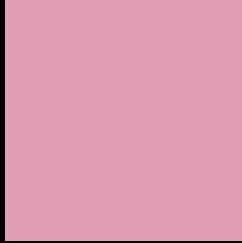
Large Text (above 18pt) WCAG AA × Fail

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 72, 27.936, 358.315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

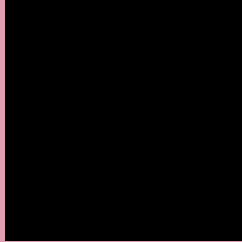
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 27.936, 358.315

Background



This preview shows how black text looks on a background with the CIELCh color 72, 27.936, 358.315.



This preview shows how white text looks on a background with the CIELCh color 72, 27.936, 358.315.

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
72, 27.936, 358.315

Protanopia
72, 7.625, 290.925

Deuteranopia
72, 9.175, 3.014



Tritanopia
72, 26.078, 7.627

Trichromacy



Original Color
72, 27.936, 358.315

Protanomaly
72, 13.169, 335.981

Deuteranomaly
72, 16.050, 359.126

Tritanomaly
72, 26.354, 4.167

Monochromacy



Original Color
72, 27.936, 358.315

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 10.075, 354.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 27.936, 358.315 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(225, 158, 179)` looks like.

```
.text, #text, p{  
    color:rgb(225, 158, 179)  
}
```

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(225, 158, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 158, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 27.936, 358.315 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(225, 158, 179) }
```

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

```
.border{ border-color:rgb(225, 158, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 158, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 158, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 158, 179);  
box-shadow:4px 4px 4px 4px rgb(225, 158,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 27.936, 358.315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 158, 179) }
```

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

```
.background{ background-color: rgb(225,  
158, 179) }
```

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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