

Converting Colors

CIELCh(63, 37.009, 296.057)

Have a look what the booklet for
CIELCh(63, 37.009, 296.057)
contains.

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Color

CIELCh(63, 36.456, 295.993)

Conversions

Conversions Part 1

Format	Color
Hex	9692D3
RGB	150, 146, 211
RGB Percent	59%, 57%, 83%
CMY	0.4131, 0.4288, 0.1740
CMYK	0.29, 0.31, 0.00, 0.17
HSL	244°, 42%, 70%
HSV	244°, 31%, 83%
XYZ	34.4498, 31.5869, 65.6659
YIQ	154.6060, -18.4810, 21.0630

Conversions

Conversions Part 2

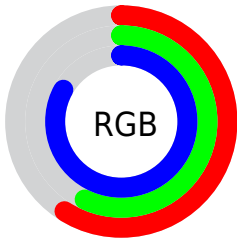
Format	Color
RYB	150, 146, 211
Decimal	9867987
CIELab	63.00, 15.98, -32.77
CIELCh	63, 36.456, 295.993
Yxy	31.5869, 0.2616, 0.2398
Android (android.graphics.Color)	4288058067 (0xFF9692D3)
YUV	154.6060, 27.8022, -4.0395
Hunter-Lab	56.2022, 11.0597, -29.9320

Details

The CIELCh color $63, 36.456, 295.993$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $83, 33.827, 109.906$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 29.243, 295.858$, and $43, 36.089, 295.628$ is the 20% darker color. If you saturate the color by 10%, you get $56, 49.292, 297.481$, and if you desaturate by 10%, it is $70, 24.129, 294.707$.

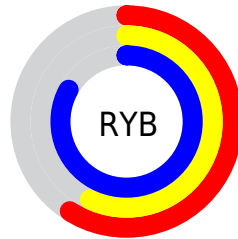
Distribution



Red (59%)

Green (57%)

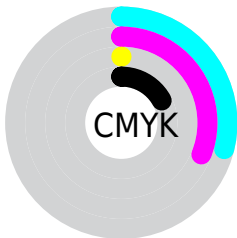
Blue (83%)



Red (59%)

Yellow (57%)

Blue (83%)

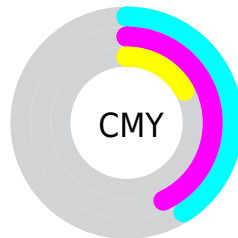


Cyan (29%)

Magenta (31%)

Yellow (0%)

Black (17%)



Cyan (41%)


Magenta (43%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 36.456, 295.993 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 63, 36.456, 295.993 by changing the saturation by 10% instead.


 63, 36.456,
295.993


 63, 36.456,
295.993


 100, 36.456,
295.993


 53, 36.456,
295.993


 83, 36.456,
295.993

 43, 36.456,
295.993

 93, 36.456,
295.993

 33, 36.456,
295.993

 23, 36.456,
295.993

 13, 36.456,
295.993

 3, 36.456, 295.993

 0, 36.456, 295.993

63, 36.456,
295.993

63, 36.456,
295.993

56, 49.292,
297.481

70, 24.129,
294.707

49, 62.598,
299.171

77, 12.305,
293.608

43, 76.186,
301.017

84, 0.950, 292.711

37, 89.550,
302.903

91, 9.967, 111.862

32, 101.617,
304.607

98, 20.479,
111.182

28, 110.677,
305.826

99, 22.412,
108.479

26, 115.551,
306.444

Harmonies

Complementary

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



63, 36.456, 295.993



83, 33.827, 109.906

Rectangle

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



63, 36.456, 295.993



63, 36.456, 345.993



63, 36.456, 115.993



63, 36.456, 165.993

Sweetspot

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



63, 36.455, 295.993



93, 11.883, 293.433



79, 20.380, 202.891



48, 8.281, 293.580



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 36.455, 295.993



70, 51.771, 296.946



66, 38.190, 312.217



40, 6.381, 293.464



20, 97.704, 306.490



2, 25.603, 294.774

Inverse Universe

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



69, 40.452, 327.869



78, 56.386, 328.234



81, 36.763, 129.386



41, 7.378, 326.639



39, 80.707, 330.816



6, 29.692, 329.897

Previews

White Background



This preview shows how the CIELCh color 63, 36.456, 295.993 looks on a white background.

Color Contrast Check

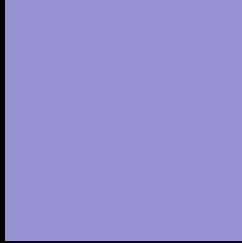
Large Text (above 18pt) WCAG AA × Fail

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 63, 36.456, 295.993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

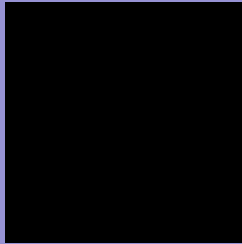
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 36.456, 295.993

Background



This preview shows how black text looks on a background with the CIELCh color 63, 36.456, 295.993.



This preview shows how white text looks on a background with the CIELCh color 63, 36.456, 295.993.

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

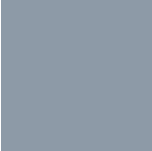
63, 36.456, 295.993

Protanopia

63, 35.973, 285.568

Deuteranopia

63, 33.755, 285.192



Tritanopia
63, 8.564, 257.551

Trichromacy



Original Color
63, 36.456, 295.993

Protanomaly
63, 36.402, 289.567

Deuteranomaly
63, 34.729, 289.656

Tritanomaly
63, 18.017, 284.342

Monochromacy



Original Color
63, 36.456, 295.993

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 13.444, 293.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 36.456, 295.993 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(150, 146, 211)` looks like.

```
.text, #text, p{  
    color:rgb(150, 146, 211)  
}
```

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(150, 146, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 146, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 36.456, 295.993 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(150, 146, 211) }
```

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

```
.border{ border-color:rgb(150, 146, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 146, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 146, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 146, 211);  
box-shadow:4px 4px 4px 4px rgb(150, 146,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 36.456, 295.993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 146, 211) }
```

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

```
.background{ background-color: rgb(150,  
146, 211) }
```

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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