

Converting Colors

CIELCh(60, 3.022, 266.636)

Have a look what the booklet for
CIELCh(60, 3.022, 266.636) contains.

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Color

CIELCh(60, 3.031, 268.387)

Conversions

Conversions Part 1

Format	Color
Hex	8E9196
RGB	142, 145, 150
RGB Percent	56%, 57%, 59%
CMY	0.4439, 0.4321, 0.4125
CMYK	0.05, 0.03, 0.00, 0.41
HSL	217°, 4%, 57%
HSV	217°, 5%, 59%
XYZ	26.7095, 28.1233, 32.7951
YIQ	144.6730, -3.3930, 0.9190

Conversions

Conversions Part 2

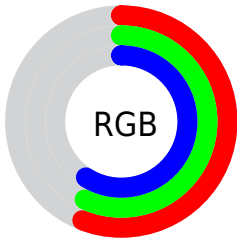
Format	Color
R_{YB}	142, 144, 150
Decimal	9343382
CIE Lab	60.00, -0.09, -3.03
CIE LCh	60, 3.031, 268.387
Yxy	28.1233, 0.3048, 0.3209
Android (android.graphics.Color)	4287533462 (0xFF8E9196)
YUV	144.6730, 2.6262, -2.3442
Hunter-Lab	53.0314, -2.9027, 0.4565

Details

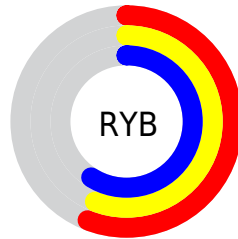
The CIELCh color $60, 3.031, 268.387$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 3.029, 86.900$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 2.863, 268.240$, and $40, 2.709, 263.668$ is the 20% darker color. If you saturate the color by 10%, you get $56, 8.737, 269.721$, and if you desaturate by 10%, it is $64, 2.617, 86.993$.

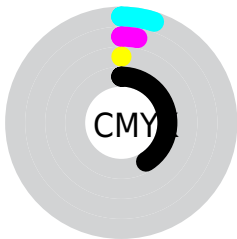
Distribution



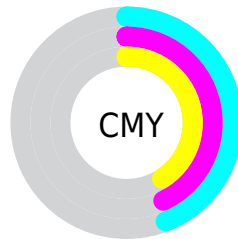
- Red (56%)
- Green (57%)
- Blue (59%)



- Red (56%)
- Yellow (56%)
- Blue (59%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (41%)



- Cyan (44%)
- Magenta (43%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 3.031, 268.387 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 60, 3.031, 268.387 by changing the saturation by 10% instead.

■ 60, 3.031, 268.387

■ 60, 3.031, 268.387

■ 100, 3.031,
268.387

■ 50, 3.031, 268.387

■ 80, 3.031, 268.387

■ 40, 3.031, 268.387

■ 90, 3.031, 268.387

■ 30, 3.031, 268.387

■ 20, 3.031, 268.387

■ 10, 3.031, 268.387

■ 0, 3.031, 268.387

■ 60, 3.031, 268.387

■ 60, 3.031, 268.387

■ 56, 8.737, 269.721

■ 64, 2.617, 86.993

■ 52, 14.500,

■ 68, 8.200, 85.999

271.349

71, 13.714, 85.092

49, 20.319,
273.259

75, 19.155, 84.291

45, 26.199,
275.490

79, 24.519, 83.580

41, 32.152,
278.083

82, 29.806, 82.948

38, 38.206,
281.057

86, 35.012, 82.381

34, 44.394,
284.398

89, 38.959, 85.468

31, 50.741,
288.033

28, 57.234,
291.796

Harmonies

Complementary

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



60, 3.031, 268.387



61, 3.029, 86.900

Rectangle

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



60, 3.031, 268.387



60, 3.031, 318.387



60, 3.031, 88.387



60, 3.031, 138.387

Sweetspot

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



60, 3.030, 268.361



77, 1.403, 268.058



61, 3.541, 170.091



41, 0.795, 268.055



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



60, 3.030, 268.361



76, 4.200, 268.454



59, 4.554, 295.182



30, 2.221, 268.493



24, 56.256, 293.106



1, 2.767, 267.626

Inverse Universe

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



60, 3.570, 351.326



75, 4.954, 351.409



62, 4.490, 114.350



30, 2.620, 351.443



28, 53.739, 12.638



1, 3.240, 350.955

Previews

White Background



This preview shows how the CIELCh color 60, 3.031, 268.387 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 3.031, 268.387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

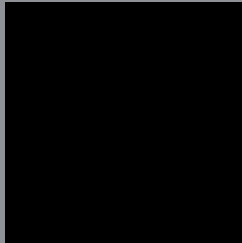
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

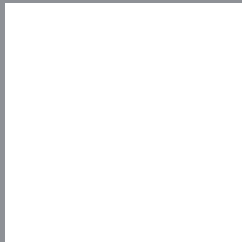
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 3.031, 268.387

Background



This preview shows how black text looks on a background with the CIELCh color 60, 3.031, 268.387.

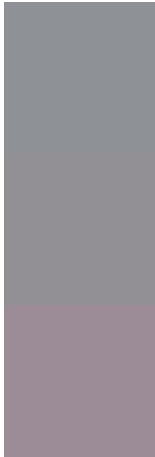


This preview shows how white text looks on a background with the CIELCh color 60, 3.031, 268.387.

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


60, 3.031, 268.387

Protanopia

60, 2.942, 305.638

Deuteranopia

60, 8.803, 335.457



Tritanopia
60, 6.222, 287.425

Trichromacy



Original Color
60, 3.031, 268.387

Protanomaly
60, 2.830, 290.515

Deuteranomaly
60, 6.186, 324.726

Tritanomaly
60, 5.096, 286.510

Monochromacy



Original Color
60, 3.031, 268.387

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 1.194, 271.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 3.031, 268.387 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(142, 145, 150)` looks like.

```
.text, #text, p{  
    color:rgb(142, 145, 150)  
}
```

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(142, 145, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 145, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 3.031, 268.387 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(142, 145, 150) }
```

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

```
.border{ border-color:rgb(142, 145, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 145, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 145, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 145, 150);  
box-shadow:4px 4px 4px 4px rgb(142, 145,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 3.031, 268.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 145, 150) }
```

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

```
.background{ background-color: rgb(142,  
145, 150) }
```

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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