

Converting Colors

CIELCh(60, 7.174, 235.065)

Have a look what the booklet for
CIELCh(60, 7.174, 235.065) contains.

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Color

CIELCh(60, 7.332, 237.188)

Conversions

Conversions Part 1

Format	Color
Hex	83939B
RGB	131, 147, 155
RGB Percent	51%, 58%, 61%
CMY	0.4857, 0.4229, 0.3916
CMYK	0.15, 0.05, 0.00, 0.39
HSL	200°, 11%, 56%
HSV	200°, 15%, 61%
XYZ	25.7695, 28.1233, 35.1480
YIQ	143.1280, -12.1040, -0.9040

Conversions

Conversions Part 2

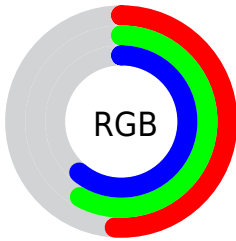
Format	Color
R_{YB}	131, 141, 155
Decimal	8623003
CIE Lab	60.00, -3.97, -6.16
CIE LCh	60, 7.332, 237.188
Yxy	28.1233, 0.2894, 0.3158
Android (android.graphics.Color)	4286813083 (0xFF83939B)
YUV	143.1280, 5.8529, -10.6363
Hunter-Lab	53.0314, -6.0666, -2.1741

Details

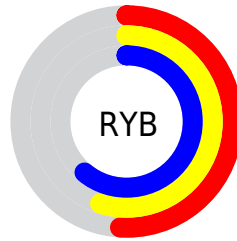
The CIELCh color $60, 7.332, 237.188$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 7.929, 54.464$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 7.262, 235.138$, and $40, 7.485, 239.762$ is the 20% darker color. If you saturate the color by 10%, you get $57, 11.810, 238.376$, and if you desaturate by 10%, it is $63, 2.642, 236.292$.

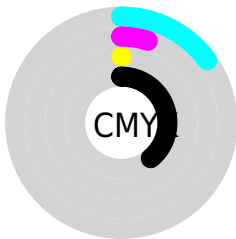
Distribution



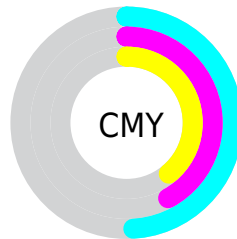
- Red (51%)
- Green (58%)
- Blue (61%)



- Red (51%)
- Yellow (55%)
- Blue (61%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (39%)



- Cyan (49%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 7.332, 237.188 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, 7.332, 237.188 by changing the saturation by 10% instead.

■ 60, 7.332, 237.188

■ 60, 7.332, 237.188

■ 100, 7.332,
237.188

■ 50, 7.332, 237.188

■ 80, 7.332, 237.188

■ 40, 7.332, 237.188

■ 90, 7.332, 237.188

■ 30, 7.332, 237.188

■ 20, 7.332, 237.188

■ 10, 7.332, 237.188

■ 0, 7.332, 237.188

■ 60, 7.332, 237.188

■ 60, 7.332, 237.188

■ 57, 11.810,
238.376

■ 63, 2.642, 236.292

■ 65, 2.213, 55.164

55, 16.030,
239.884

68, 7.194, 54.648

53, 19.943,
241.764

71, 12.267, 54.149

50, 23.509,
244.094

73, 17.405, 53.732

48, 26.705,
246.954

79, 27.785, 53.099

46, 29.539,
250.418

82, 32.896, 52.960

44, 32.063,
254.519

83, 32.727, 58.478

42, 34.386,
259.199

41, 35.465,
261.299

Harmonies

Complementary

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



60, 7.332, 237.188



59, 7.929, 54.464

Rectangle

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



60, 7.332, 237.188



60, 7.332, 287.188



60, 7.332, 57.188



60, 7.332, 107.188

Sweetspot

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



60, 7.332, 237.177



79, 2.989, 236.270



62, 13.132, 153.869



42, 2.053, 236.310



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 7.332, 237.177



75, 11.049, 237.610



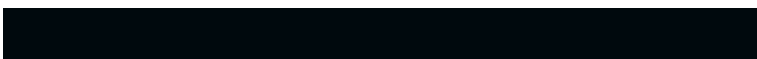
57, 11.279, 283.263



31, 2.680, 236.574



38, 32.776, 260.801



2, 2.947, 237.087

Inverse Universe

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



57, 13.076, 336.727



71, 19.908, 337.023



62, 11.071, 99.672



30, 4.701, 336.260



30, 58.224, 346.843



1, 5.001, 336.137

Previews

White Background



This preview shows how the CIELCh color 60, 7.332, 237.188 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, 7.332, 237.188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

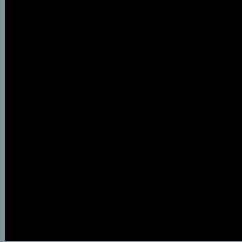
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

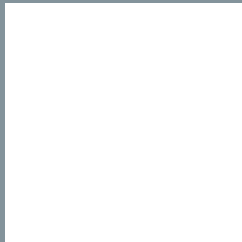
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 7.332, 237.188

Background



This preview shows how black text looks on a background with the CIELCh color 60, 7.332, 237.188.



This preview shows how white text looks on a background with the CIELCh color 60, 7.332, 237.188.

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, 7.332, 237.188

Protanopia

60, 5.677, 294.646

Deuteranopia

60, 10.859, 318.186



Tritanopia
60, 8.175, 248.717

Trichromacy



Original Color
60, 7.332, 237.188

Protanomaly
60, 5.517, 266.732

Deuteranomaly
60, 7.403, 296.835

Tritanomaly
60, 7.778, 245.785

Monochromacy



Original Color
60, 7.332, 237.188

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 2.539, 225.840

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 7.332, 237.188 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(131, 147, 155)` looks like.

```
.text, #text, p{  
    color:rgb(131, 147, 155)  
}
```

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(131, 147, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 147, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 7.332, 237.188 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(131, 147, 155) }
```

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

```
.border{ border-color:rgb(131, 147, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 147, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 147, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 147, 155);  
box-shadow:4px 4px 4px 4px rgb(131, 147,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 7.332, 237.188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 147, 155) }
```

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

```
.background{ background-color: rgb(131,  
147, 155) }
```

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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