

Converting Colors

CIELCh(60, 31.841, 305.011)

Have a look what the booklet for
CIELCh(60, 31.841, 305.011)
contains.

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Color

CIELCh(60, 31.837, 304.653)

Conversions

Conversions Part 1

Format	Color
Hex	9A88BF
RGB	154, 136, 191
RGB Percent	60%, 53%, 75%
CMY	0.3972, 0.4677, 0.2521
CMYK	0.19, 0.29, 0.00, 0.25
HSL	260°, 30%, 64%
HSV	260°, 29%, 75%
XYZ	31.4112, 28.1233, 52.8964
YIQ	147.6520, -6.9270, 20.9210

Conversions

Conversions Part 2

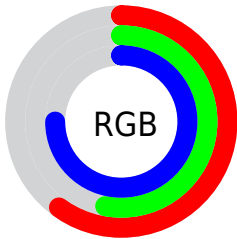
Format	Color
RYB	154, 136, 191
Decimal	10127551
CIELab	60.00, 18.10, -26.19
CIELCh	60, 31.837, 304.653
Yxy	28.1233, 0.2794, 0.2501
Android (android.graphics.Color)	4288317631 (0xFF9A88BF)
YUV	147.6520, 21.3706, 5.5672
Hunter-Lab	53.0314, 12.9228, -22.0170

Details

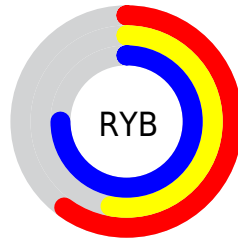
The CIELCh color **60, 31.837, 304.653** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **75, 30.131, 121.225**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 32.314, 304.720**, and **40, 31.717, 304.788** is the 20% darker color. If you saturate the color by 10%, you get **54, 43.551, 305.433**, and if you desaturate by 10%, it is **66, 20.448, 303.943**.

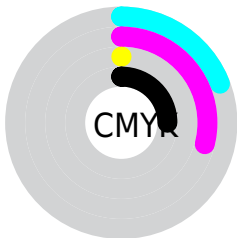
Distribution



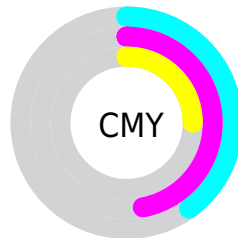
- Red (60%)
- Green (53%)
- Blue (75%)



- Red (60%)
- Yellow (53%)
- Blue (75%)



- Cyan (19%)
- Magenta (29%)
- Yellow (0%)
- Black (25%)





- Cyan (40%)
- Magenta (47%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 31.837, 304.653 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, 31.837, 304.653 by changing the saturation by 10% instead.


 60, 31.837,
304.653


 60, 31.837,
304.653


 100, 31.837,
304.653


 50, 31.837,
304.653


 80, 31.837,
304.653

 40, 31.837,
304.653

 90, 31.837,
304.653

 30, 31.837,
304.653

 20, 31.837,
304.653

 10, 31.837,
304.653

 0, 31.837, 304.653

 60, 31.837,

 60, 31.837,

304.653

■ 54, 43.551,
305.433

■ 48, 55.494,
306.268

■ 43, 67.448,
307.117

■ 37, 78.998,
307.910

■ 33, 89.439,
308.529

■ 29, 97.762,
308.812

■ 26, 103.299,
308.684

■ 26, 103.902,
308.676

304.653

■ 66, 20.448,
303.943

■ 72, 9.427, 303.309

■ 78, 1.218, 122.805

■ 84, 11.498,
122.278

■ 90, 21.426,
121.854

■ 96, 31.023,
121.488

■ 98, 32.686,
115.344

■ 99, 32.357,
107.715

Harmonies

Complementary

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



60, 31.837, 304.653



75, 30.131, 121.225

Rectangle

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



60, 31.837, 304.653



60, 31.837, 354.653



60, 31.837, 124.653



60, 31.837, 174.653

Sweetspot

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



60, 31.835, 304.653



91, 11.876, 303.328



69, 15.608, 236.641



48, 8.340, 303.417



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



60, 31.835, 304.653



72, 48.251, 305.171



63, 34.717, 320.588



37, 6.004, 303.340



21, 90.282, 308.812



1, 17.705, 299.673

Inverse Universe

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



63, 29.077, 337.537



76, 43.515, 338.107



73, 34.311, 137.779



37, 5.618, 336.021



35, 63.652, 346.643



3, 15.719, 341.378

Previews

White Background



This preview shows how the CIELCh color 60, 31.837, 304.653 looks on a white background.

Color Contrast Check

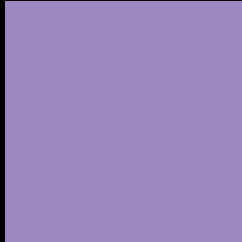
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 60, 31.837, 304.653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

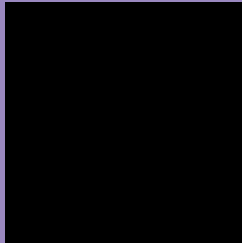
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 31.837, 304.653

Background



This preview shows how black text looks on a background with the CIELCh color 60, 31.837, 304.653.



This preview shows how white text looks on a background with the CIELCh color 60, 31.837, 304.653.

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, 31.837, 304.653

Protanopia
60, 30.103, 284.867

Deuteranopia
60, 26.620, 287.381



Tritanopia
60, 6.424, 304.528

Trichromacy



Original Color
60, 31.837, 304.653

Protanomaly
60, 30.533, 292.292

Deuteranomaly
60, 28.296, 293.962

Tritanomaly
60, 15.696, 303.975

Monochromacy



Original Color
60, 31.837, 304.653

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 11.550, 302.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 31.837, 304.653 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(154, 136, 191)` looks like.

```
.text, #text, p{  
    color:rgb(154, 136, 191)  
}
```

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(154, 136, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 136, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 31.837, 304.653 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(154, 136, 191) }
```

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

```
.border{ border-color:rgb(154, 136, 191) }
```

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

Here you see how a box with a 4 pixel rgb(154, 136, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 136, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 136, 191);  
box-shadow:4px 4px 4px 4px rgb(154, 136,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 31.837, 304.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 136, 191) }
```

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

```
.background{ background-color: rgb(154,  
136, 191) }
```

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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