

Converting Colors

CIELCh(60, 33.006, 304.925)

Have a look what the booklet for
CIELCh(60, 33.006, 304.925)
contains.

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Color

CIELCh(60, 33.032, 304.925)

Conversions

Conversions Part 1

Format	Color
Hex	9A87C0
RGB	154, 135, 192
RGB Percent	60%, 53%, 75%
CMY	0.3949, 0.4695, 0.2459
CMYK	0.20, 0.30, 0.00, 0.25
HSL	260°, 31%, 64%
HSV	260°, 30%, 75%
XYZ	31.6321, 28.1233, 53.8034
YIQ	147.1790, -6.9730, 21.7550

Conversions

Conversions Part 2

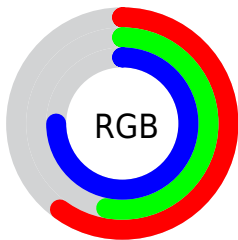
Format	Color
RYB	154, 135, 192
Decimal	10127296
CIELab	60.00, 18.91, -27.08
CIElCh	60, 33.032, 304.925
Yxy	28.1233, 0.2786, 0.2477
Android (android.graphics.Color)	4288317376 (0xFF9A87C0)
YUV	147.1790, 22.0968, 5.9820
Hunter-Lab	53.0314, 13.6662, -23.0311

Details

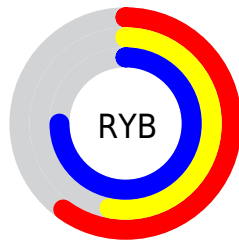
The CIELCh color $60, 33.032, 304.925$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $75, 31.221, 121.425$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 33.446, 304.952$, and $40, 32.996, 305.112$ is the 20% darker color. If you saturate the color by 10%, you get $54, 44.850, 305.700$, and if you desaturate by 10%, it is $66, 21.531, 304.218$.

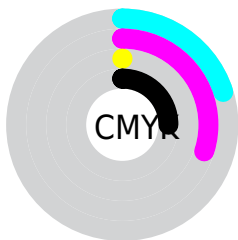
Distribution



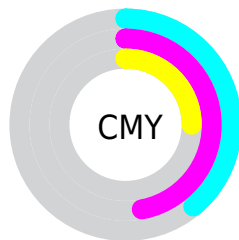
- Red (60%)
- Green (53%)
- Blue (75%)



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



- Cyan (20%)
- Magenta (30%)
- Yellow (0%)
- Black (25%)



- Cyan (39%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 33.032, 304.925 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, 33.032, 304.925 by changing the saturation by 10% instead.

■ 60, 33.032,
304.925

■ 60, 33.032,
304.925

■ 100, 33.032,
304.925

■ 50, 33.032,
304.925

■ 80, 33.032,
304.925

■ 40, 33.032,
304.925

■ 90, 33.032,
304.925

■ 30, 33.032,
304.925

■ 20, 33.032,
304.925

■ 10, 33.032,
304.925

■ 0, 33.032, 304.925

■ 60, 33.032,

■ 60, 33.032,

304.925

■ 54, 44.850,
305.700

■ 48, 56.878,
306.524

■ 43, 68.882,
307.356

■ 37, 80.421,
308.120

■ 33, 90.757,
308.697

■ 29, 98.864,
308.923

■ 27, 104.255,
308.763

■ 26, 104.435,
308.760

304.925

■ 66, 21.531,
304.218

■ 72, 10.397,
303.584

■ 78, 0.361, 123.196

■ 84, 10.750,
122.552

■ 90, 20.785,
122.126

■ 96, 30.485,
121.759

■ 98, 31.879,
115.256

■ 99, 31.569,
107.776

Harmonies

Complementary

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



60, 33.032, 304.925



75, 31.221, 121.425

Rectangle

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



60, 33.032, 304.925



60, 33.032, 354.925



60, 33.032, 124.925



60, 33.032, 174.925

Sweetspot

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



60, 33.030, 304.925



92, 11.986, 303.554



69, 16.190, 239.047



48, 8.348, 303.642



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, 33.030, 304.925



72, 50.150, 305.455



63, 36.095, 321.132



38, 6.144, 303.567



21, 91.261, 308.890



2, 19.792, 300.085

Inverse Universe

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



63, 29.979, 337.886



76, 44.918, 338.484



73, 35.709, 138.184



38, 5.718, 336.289



35, 64.155, 347.150



3, 17.752, 342.225

Previews

White Background



This preview shows how the CIE LCh color 60, 33.032, 304.925 looks on a white background.

Color Contrast Check

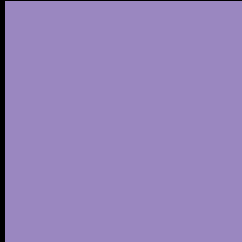
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.032, 304.925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

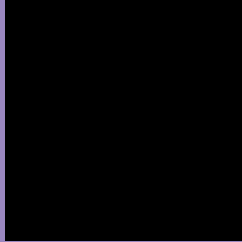
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 33.032, 304.925

Background



This preview shows how black text looks on a background with the CIELCh color 60, 33.032, 304.925.



This preview shows how white text looks on a background with the CIELCh color 60, 33.032, 304.925.

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, 33.032, 304.925

Protanopia
60, 31.242, 284.786

Deuteranopia
60, 27.760, 287.102



Tritanopia
60, 6.528, 307.776

Trichromacy



Original Color
60, 33.032, 304.925

Protanomaly
60, 31.654, 292.457

Deuteranomaly
60, 28.858, 294.004

Tritanomaly
60, 16.326, 304.852

Monochromacy



Original Color
60, 33.032, 304.925

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 11.630, 304.330

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 33.032, 304.925 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, 135, 192)` looks like.

```
.text, #text, p{  
    color:rgb(154, 135, 192)  
}
```

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, 135, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 135, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 33.032, 304.925 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, 135, 192) }
```

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

```
.border{ border-color:rgb(154, 135, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 135, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 135, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 135, 192);  
box-shadow:4px 4px 4px 4px rgb(154, 135,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 33.032, 304.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 135, 192) }
```

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

```
.background{ background-color: rgb(154,  
135, 192) }
```

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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