

Converting Colors

CIELCh(60, 36.232, 287.823)

Have a look what the booklet for
CIELCh(60, 36.232, 287.823)
contains.

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Color

CIELCh(60, 36.237, 287.733)

Conversions

Conversions Part 1

Format	Color
Hex	808DCD
RGB	128, 141, 205
RGB Percent	50%, 55%, 80%
CMY	0.4973, 0.4463, 0.1953
CMYK	0.38, 0.31, 0.00, 0.20
HSL	230°, 44%, 65%
HSV	230°, 38%, 80%
XYZ	29.5243, 28.1233, 61.7526
YIQ	144.4090, -28.2920, 17.1480

Conversions

Conversions Part 2

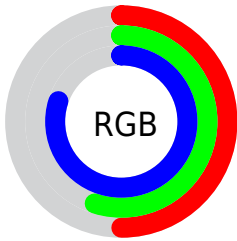
Format	Color
R _Y B	128, 139, 205
Decimal	8424909
CIE Lab	60.00, 11.04, -34.52
CIE LCh	60, 36.237, 287.733
Yxy	28.1233, 0.2473, 0.2355
Android (android.graphics.Color)	4286614989 (0xFF808DCD)
YUV	144.4090, 29.8714, -14.3907
Hunter-Lab	53.0314, 6.5715, -31.9184

Details

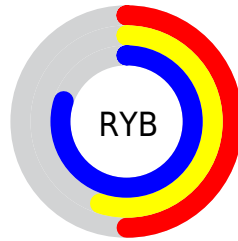
The CIELCh color **60, 36.237, 287.733** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **77, 34.249, 97.939**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 32.639, 286.949**, and **40, 36.044, 287.747** is the 20% darker color. If you saturate the color by 10%, you get **54, 46.710, 289.821**, and if you desaturate by 10%, it is **66, 26.134, 285.938**.

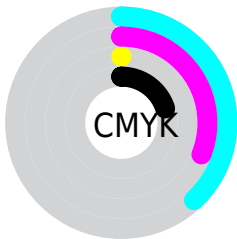
Distribution



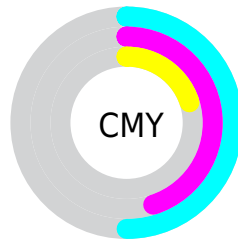
- Red (50%)
- Green (55%)
- Blue (80%)



- Red (50%)
- Yellow (55%)
- Blue (80%)



- Cyan (38%)
- Magenta (31%)
- Yellow (0%)
- Black (20%)





- Cyan (50%)
- Magenta (45%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 36.237, 287.733 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, 36.237, 287.733 by changing the saturation by 10% instead.


 60, 36.237,
287.733


 60, 36.237,
287.733


 100, 36.237,
287.733


 50, 36.237,
287.733


 80, 36.237,
287.733

 40, 36.237,
287.733

 90, 36.237,
287.733

 30, 36.237,
287.733

 20, 36.237,
287.733

 10, 36.237,
287.733

 0, 36.237, 287.733

 60, 36.237,

 60, 36.237,

287.733

■ 54, 46.710,
289.821

■ 48, 57.575,
292.213

■ 43, 68.791,
294.880

■ 37, 80.172,
297.722

■ 33, 91.222,
300.540

■ 29, 101.012,
303.042

■ 28, 103.124,
303.548

287.733

■ 66, 26.134,
285.938

■ 72, 16.374,
284.404

■ 78, 6.928, 283.102

■ 84, 2.228, 101.892

■ 90, 11.114,
100.974

■ 96, 19.744,
100.142

■ 99, 25.137,
108.271

Harmonies

Complementary

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



60, 36.237, 287.733



77, 34.249, 97.939

Rectangle

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



60, 36.237, 287.733



60, 36.237, 337.733



60, 36.237, 107.733



60, 36.237, 157.733

Sweetspot

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



60, 36.236, 287.733



92, 12.139, 283.546



77, 27.015, 181.041



48, 8.173, 283.723



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 36.236, 287.733



68, 52.571, 289.388



59, 44.561, 305.003



40, 5.209, 283.328



22, 86.951, 303.197



3, 20.793, 287.927

Inverse Universe

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



62, 31.896, 10.133



71, 46.252, 11.625



79, 41.298, 120.313



40, 4.471, 6.453



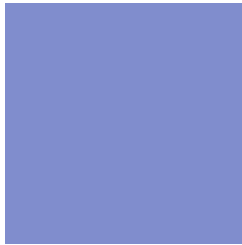
34, 68.419, 31.240



4, 18.133, 11.154

Previews

White Background



This preview shows how the CIELCh color 60, 36.237, 287.733 looks on a white background.

Color Contrast Check

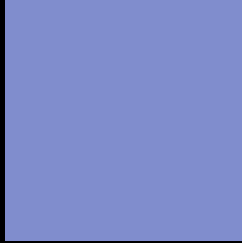
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.237, 287.733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

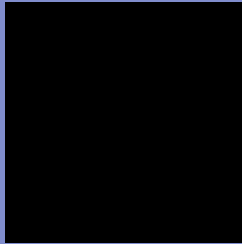
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 36.237, 287.733

Background



This preview shows how black text looks on a background with the CIELCh color 60, 36.237, 287.733.



This preview shows how white text looks on a background with the CIELCh color 60, 36.237, 287.733.

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, 36.237, 287.733

Protanopia

60, 36.344, 285.392

Deuteranopia

60, 35.321, 283.507



Tritanopia
60, 12.916, 230.372

Trichromacy



Original Color
60, 36.237, 287.733

Protanomaly
60, 36.278, 286.306

Deuteranomaly
60, 35.794, 285.170

Tritanomaly
60, 19.118, 265.998

Monochromacy



Original Color
60, 36.237, 287.733

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 13.077, 283.720

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 36.237, 287.733 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(128, 141, 205)` looks like.

```
.text, #text, p{  
    color:rgb(128, 141, 205)  
}
```

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(128, 141, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 141, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 36.237, 287.733 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(128, 141, 205) }
```

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

```
.border{ border-color:rgb(128, 141, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 141, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 141, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 141, 205);  
box-shadow:4px 4px 4px 4px rgb(128, 141,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 36.237, 287.733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 141, 205) }
```

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

```
.background{ background-color: rgb(128,  
141, 205) }
```

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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