

Converting Colors

CIELCh(60, 23.447, 315.594)

Have a look what the booklet for
CIELCh(60, 23.447, 315.594)
contains.

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Color

CIELCh(60, 23.432, 315.298)

Conversions

Conversions Part 1

Format	Color
Hex	A188AE
RGB	161, 136, 174
RGB Percent	63%, 53%, 68%
CMY	0.3697, 0.4677, 0.3188
CMYK	0.07, 0.22, 0.00, 0.32
HSL	279°, 19%, 61%
HSV	279°, 22%, 68%
XYZ	31.0182, 28.1233, 43.6914
YIQ	147.8070, 2.7020, 17.1180

Conversions

Conversions Part 2

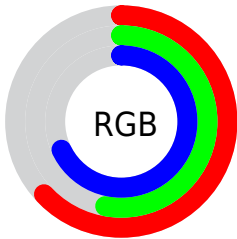
Format	Color
R _Y B	161, 136, 174
Decimal	10586286
CIE Lab	60.00, 16.65, -16.48
CIE LCh	60, 23.432, 315.298
Yxy	28.1233, 0.3016, 0.2735
Android (android.graphics.Color)	4288776366 (0xFFA188AE)
YUV	147.8070, 12.9131, 11.5703
Hunter-Lab	53.0314, 11.6000, -11.7257

Details

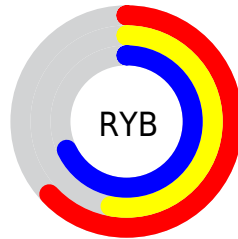
The CIELCh color $60, 23.432, 315.298$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $68, 22.991, 133.420$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 23.917, 315.157$, and $40, 23.723, 314.985$ is the 20% darker color. If you saturate the color by 10%, you get $55, 34.405, 315.737$, and if you desaturate by 10%, it is $65, 12.587, 314.860$.

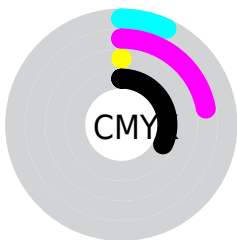
Distribution



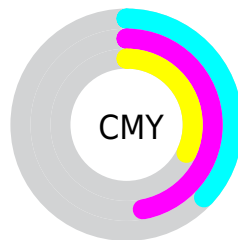
- Red (63%)
- Green (53%)
- Blue (68%)



- Red (63%)
- Yellow (53%)
- Blue (68%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)
- Black (32%)





- Cyan (37%)
- Magenta (47%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 23.432, 315.298 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, 23.432, 315.298 by changing the saturation by 10% instead.


 60, 23.432,
315.298


 60, 23.432,
315.298

 100, 23.432,
315.298

 50, 23.432,
315.298

 80, 23.432,
315.298

 40, 23.432,
315.298

 90, 23.432,
315.298

 30, 23.432,
315.298

 20, 23.432,
315.298

 10, 23.432,
315.298

 0, 23.432, 315.298

 60, 23.432,

 60, 23.432,

315.298

55, 34.405,
315.737

50, 45.362,
316.162

46, 56.067,
316.542

42, 66.166,
316.835

38, 75.176,
316.983

35, 82.520,
316.916

32, 87.660,
316.564

31, 90.500,
316.113

315.298

65, 12.587,
314.860

70, 1.963, 314.383

75, 8.395, 134.091


80, 18.466,
133.725

85, 28.243,
133.398

90, 37.730,
133.103

95, 45.587,
132.563

95, 44.646,
130.167

 96, 43.782,
127.630

Harmonies

Complementary

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



60, 23.432, 315.298



68, 22.991, 133.420

Rectangle

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



60, 23.432, 315.298



60, 23.432, 5.298



60, 23.432, 135.298



60, 23.432, 185.298

Sweetspot

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



60, 23.430, 315.298



86, 9.181, 314.654



61, 14.514, 272.912



45, 6.017, 314.679



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



60, 23.430, 315.298



74, 34.759, 315.500



61, 23.105, 330.138



34, 5.979, 314.749



26, 81.349, 316.230



1, 12.225, 311.265

Inverse Universe

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



60, 16.640, 355.278



75, 24.747, 355.836



68, 23.044, 147.359



34, 4.213, 353.905



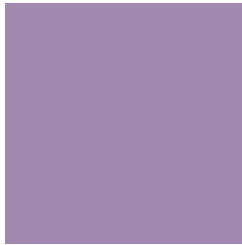
31, 57.903, 16.230



2, 8.459, 357.422

Previews

White Background



This preview shows how the CIELCh color 60, 23.432, 315.298 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, 23.432, 315.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

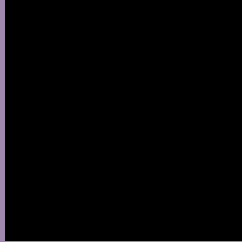
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 23.432, 315.298

Background



This preview shows how black text looks on a background with the CIELCh color 60, 23.432, 315.298.



This preview shows how white text looks on a background with the CIELCh color 60, 23.432, 315.298.

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, 23.432, 315.298

Protanopia

60, 20.423, 285.654

Deuteranopia

60, 18.196, 296.689



Tritanopia
60, 9.082, 337.241

Trichromacy



Original Color
60, 23.432, 315.298

Protanomaly
60, 21.064, 297.295

Deuteranomaly
60, 19.804, 304.893

Tritanomaly
60, 14.147, 323.817

Monochromacy



Original Color
60, 23.432, 315.298

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 8.126, 315.808

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 23.432, 315.298 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(161, 136, 174)` looks like.

```
.text, #text, p{  
    color:rgb(161, 136, 174)  
}
```

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(161, 136, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 136, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 23.432, 315.298 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(161, 136, 174) }
```

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

```
.border{ border-color:rgb(161, 136, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 136, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 136, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 136, 174);  
box-shadow:4px 4px 4px 4px rgb(161, 136,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 23.432, 315.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 136, 174) }
```

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

```
.background{ background-color: rgb(161,  
136, 174) }
```

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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