

Converting Colors

CIELCh(60, 24.596, 308.265)

Have a look what the booklet for
CIELCh(60, 24.596, 308.265)
contains.

CIELCh(60, 24.724, 307.745)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(60, 24.724, 307.745)

Conversions

Conversions Part 1

Format	Color
Hex	9B89B3
RGB	155, 137, 179
RGB Percent	61%, 54%, 70%
CMY	0.3921, 0.4627, 0.2980
CMYK	0.13, 0.23, 0.00, 0.30
HSL	266°, 22%, 62%
HSV	266°, 23%, 70%
XYZ	30.6091, 28.1233, 46.4744
YIQ	147.1700, -2.7540, 16.8780

Conversions

Conversions Part 2

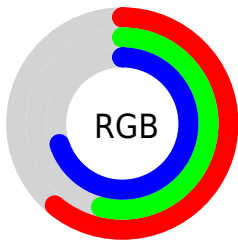
Format	Color
R_{YB}	155, 137, 179
Decimal	10193331
CIE _{Lab}	60.00, 15.13, -19.55
CIE _{LCh}	60, 24.724, 307.745
Yxy	28.1233, 0.2909, 0.2673
Android (android.graphics.Color)	4288383411 (0xFF9B89B3)
YUV	147.1700, 15.6922, 6.8669
Hunter-Lab	53.0314, 10.2230, -14.8371

Details

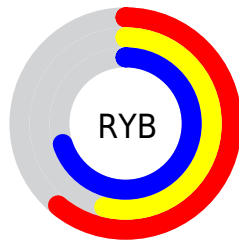
The CIELCh color $60, 24.724, 307.745$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $71, 23.825, 125.406$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 25.092, 308.065$, and $40, 24.647, 307.522$ is the 20% darker color. If you saturate the color by 10%, you get $55, 35.747, 308.345$, and if you desaturate by 10%, it is $66, 13.974, 307.189$.

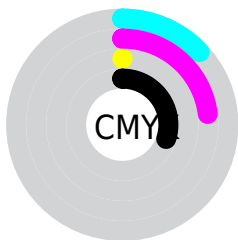
Distribution



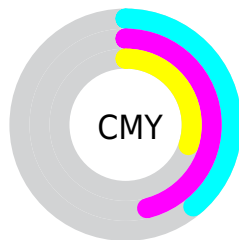
- Red (61%)
- Green (54%)
- Blue (70%)



- Red (61%)
- Yellow (54%)
- Blue (70%)



- Cyan (13%)
- Magenta (23%)
- Yellow (0%)
- Black (30%)





- Cyan (39%)
- Magenta (46%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 24.724, 307.745 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, 24.724, 307.745 by changing the saturation by 10% instead.


 60, 24.724,
307.745


 60, 24.724,
307.745


 100, 24.724,
307.745


 50, 24.724,
307.745


 80, 24.724,
307.745

 40, 24.724,
307.745

 90, 24.724,
307.745

 30, 24.724,
307.745

 20, 24.724,
307.745

 10, 24.724,
307.745

 0, 24.724, 307.745

 60, 24.724,

 60, 24.724,

307.745

55, 35.747,
308.345

49, 46.961,
308.975

44, 58.191,
309.607

39, 69.128,
310.188

35, 79.263,
310.637

31, 87.861,
310.839

28, 94.076,
310.662

26, 97.125,
310.421

307.745

66, 13.974,
307.189

71, 3.542, 306.671

77, 6.562, 126.263

82, 16.340,
125.862

88, 25.804,
125.515

93, 34.967,
125.214

96, 39.755,
122.953

97, 38.819,
117.549

 98, 38.266,
111.829

Harmonies

Complementary

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



60, 24.724, 307.745



71, 23.825, 125.406

Rectangle

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



60, 24.724, 307.745



60, 24.724, 357.745



60, 24.724, 127.745



60, 24.724, 177.745

Sweetspot

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



60, 24.722, 307.744



87, 8.889, 306.860



65, 12.728, 249.002



46, 5.827, 306.890



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



60, 24.722, 307.744



73, 36.694, 308.040



62, 27.502, 323.319



35, 5.829, 306.973



22, 86.376, 310.557



1, 13.698, 302.982

Inverse Universe

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



62, 20.970, 341.897



76, 30.958, 342.368



69, 27.384, 140.825



35, 4.994, 340.667



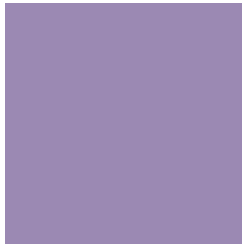
33, 59.133, 354.852



2, 11.084, 345.866

Previews

White Background



This preview shows how the CIELCh color 60, 24.724, 307.745 looks on a white background.

Color Contrast Check

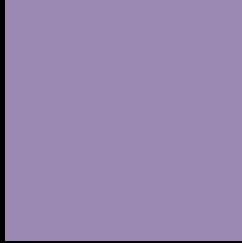
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.724, 307.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

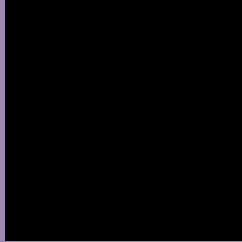
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 24.724, 307.745

Background



This preview shows how black text looks on a background with the CIELCh color 60, 24.724, 307.745.



This preview shows how white text looks on a background with the CIELCh color 60, 24.724, 307.745.

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, 24.724, 307.745

Protanopia

60, 22.685, 285.801

Deuteranopia

60, 20.354, 292.433



Tritanopia
60, 7.144, 319.641

Trichromacy



Original Color
60, 24.724, 307.745

Protanomaly
60, 23.204, 293.593

Deuteranomaly
60, 21.699, 299.076

Tritanomaly
60, 13.291, 311.215

Monochromacy



Original Color
60, 24.724, 307.745

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 9.450, 307.321

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 24.724, 307.745 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(155, 137, 179)` looks like.

```
.text, #text, p{  
    color:rgb(155, 137, 179)  
}
```

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(155, 137, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 137, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 24.724, 307.745 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(155, 137, 179) }
```

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

```
.border{ border-color:rgb(155, 137, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 137, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 137, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 137, 179);  
box-shadow:4px 4px 4px 4px rgb(155, 137,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 24.724, 307.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 137, 179) }
```

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

```
.background{ background-color: rgb(155,  
137, 179) }
```

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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