

Converting Colors

CIELCh(60, 22.369, 321.509)

Have a look what the booklet for
CIELCh(60, 22.369, 321.509)
contains.

CIELCh(60, 22.092, 321.280)	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, 22.092, 321.280)

Conversions

Conversions Part 1

Format	Color
Hex	A487A9
RGB	164, 135, 169
RGB Percent	64%, 53%, 66%
CMY	0.3565, 0.4702, 0.3369
CMYK	0.03, 0.20, 0.00, 0.34
HSL	291°, 17%, 60%
HSV	291°, 20%, 66%
XYZ	31.1757, 28.1233, 41.3672
YIQ	147.5470, 6.3700, 16.7220

Conversions

Conversions Part 2

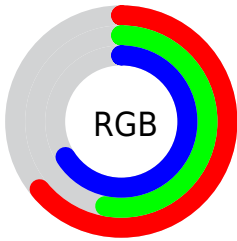
Format	Color
RYB	164, 135, 169
Decimal	10782633
CIELab	60.00, 17.24, -13.82
CIElCh	60, 22.092, 321.280
Yxy	28.1233, 0.3097, 0.2794
Android (android.graphics.Color)	4288972713 (0xFFA487A9)
YUV	147.5470, 10.5763, 14.4293
Hunter-Lab	53.0314, 12.1300, -9.1272

Details

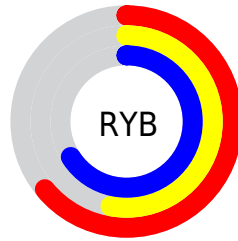
The CIELCh color $60, 22.092, 321.280$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $66, 21.941, 139.336$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 22.199, 321.348$, and $40, 22.227, 321.293$ is the 20% darker color. If you saturate the color by 10%, you get $56, 33.164, 321.734$, and if you desaturate by 10%, it is $65, 11.033, 320.812$.

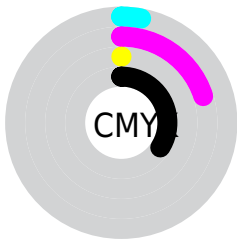
Distribution



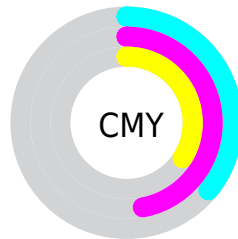
- Red (64%)
- Green (53%)
- Blue (66%)



- Red (64%)
- Yellow (53%)
- Blue (66%)



- Cyan (3%)
- Magenta (20%)
- Yellow (0%)
- Black (34%)





- Cyan (36%)
- Magenta (47%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 22.092, 321.280 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, 22.092, 321.280 by changing the saturation by 10% instead.


 60, 22.092,
321.280


 60, 22.092,
321.280


 100, 22.092,
321.280


 50, 22.092,
321.280


 80, 22.092,
321.280

 40, 22.092,
321.280

 90, 22.092,
321.280

 30, 22.092,
321.280

 20, 22.092,
321.280

 10, 22.092,
321.280

 0, 22.092, 321.280

 60, 22.092,

 60, 22.092,

321.280

56, 33.164,
321.734

51, 44.056,
322.161

47, 54.484,
322.538

44, 64.070,
322.837

41, 72.363,
323.024

39, 78.898,
323.063

37, 83.327,
322.925

36, 85.953,
322.640

321.280

65, 11.033,
320.812

69, 0.124, 318.798

74, 10.557,
139.957


79, 20.966,
139.530

84, 31.081,
139.133

88, 40.895,
138.765

93, 50.412,
138.424

94, 50.843,
137.696

 94, 50.385,
136.907

Harmonies

Complementary

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



60, 22.092, 321.280



66, 21.941, 139.336

Rectangle

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



60, 22.092, 321.280



60, 22.092, 11.280



60, 22.092, 141.280



60, 22.092, 191.280

Sweetspot

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



60, 22.090, 321.280



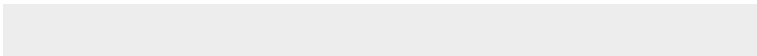
84, 8.067, 320.618



59, 16.454, 285.730



44, 5.346, 320.648



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



60, 22.090, 321.280



74, 32.632, 321.478



60, 18.066, 337.836



33, 6.150, 320.773



31, 77.883, 322.698



2, 10.982, 318.913

Inverse Universe

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



60, 13.939, 9.284



73, 20.801, 9.809



66, 17.867, 154.844



33, 3.788, 8.114



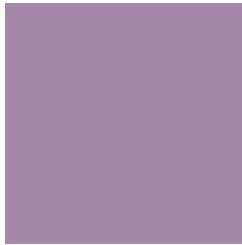
30, 63.501, 32.173



1, 6.698, 9.001

Previews

White Background



This preview shows how the CIELCh color 60, 22.092, 321.280 looks on a white background.

Color Contrast Check

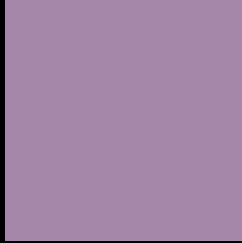
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.092, 321.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

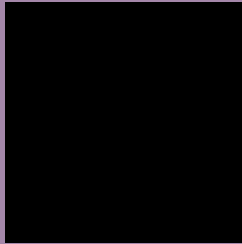
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 22.092, 321.280

Background



This preview shows how black text looks on a background with the CIELCh color 60, 22.092, 321.280.



This preview shows how white text looks on a background with the CIELCh color 60, 22.092, 321.280.

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, 22.092, 321.280

Protanopia

60, 18.129, 286.647

Deuteranopia

60, 15.535, 301.317



Tritanopia
60, 10.296, 347.332

Trichromacy



Original Color
60, 22.092, 321.280

Protanomaly
60, 18.903, 299.864

Deuteranomaly
60, 17.388, 310.435

Tritanomaly
60, 13.751, 333.275

Monochromacy



Original Color
60, 22.092, 321.280

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 8.489, 320.525

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 22.092, 321.280 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(164, 135, 169)` looks like.

```
.text, #text, p{  
    color:rgb(164, 135, 169)  
}
```

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(164, 135, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 135, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 22.092, 321.280 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(164, 135, 169) }
```

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

```
.border{ border-color:rgb(164, 135, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 135, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 135, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 135, 169);  
box-shadow:4px 4px 4px 4px rgb(164, 135,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 22.092, 321.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 135, 169) }
```

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

```
.background{ background-color: rgb(164,  
135, 169) }
```

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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