

Converting Colors

CIELCh(42, 61.511, 353.423)

Have a look what the booklet for
CIELCh(42, 61.511, 353.423)
contains.

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Color

CIELCh(42, 61.693, 353.232)

Conversions

Conversions Part 1

Format	Color
Hex	B62671
RGB	182, 38, 113
RGB Percent	71%, 15%, 44%
CMY	0.2867, 0.8515, 0.5572
CMYK	0.00, 0.79, 0.38, 0.29
HSL	329°, 66%, 43%
HSV	329°, 79%, 71%
XYZ	22.9304, 12.5000, 16.8001
YIQ	89.6060, 61.7490, 53.8530

Conversions

Conversions Part 2

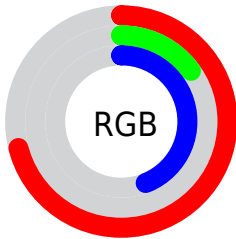
Format	Color
R_{YB}	182, 38, 113
Decimal	11937393
CIE _{Lab}	42.00, 61.26, -7.27
CIE _{LCh}	42, 61.693, 353.232
Yxy	12.5000, 0.4390, 0.2393
Android (android.graphics.Color)	4290127473 (0xFFB62671)
YUV	89.6060, 11.5332, 81.0295
Hunter-Lab	35.3553, 53.8977, -3.4245

Details

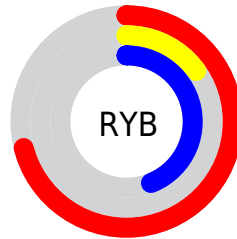
The CIELCh color **42, 61.693, 353.232** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **66, 60.670, 152.548**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 61.625, 353.158**, and **26, 50.132, 358.244** is the 20% darker color. If you saturate the color by 10%, you get **40, 64.616, 356.129**, and if you desaturate by 10%, it is **44, 56.870, 350.933**.

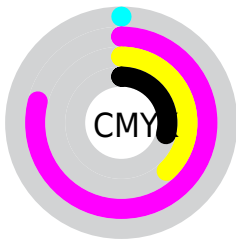
Distribution



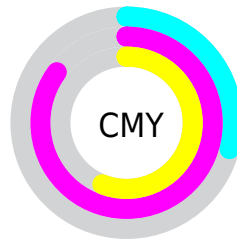
- Red (71%)
- Green (15%)
- Blue (44%)



- Red (71%)
- Yellow (15%)
- Blue (44%)



- Cyan (0%)
- Magenta (79%)
- Yellow (38%)
- Black (29%)





- Cyan (29%)
- Magenta (85%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 61.693, 353.232 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 42, 61.693, 353.232 by changing the saturation by 10% instead.


 42, 61.693,
353.232


 42, 61.693,
353.232


 100, 61.693,
353.232


 32, 61.693,
353.232

 62, 61.693,
353.232


 22, 61.693,
353.232

 72, 61.693,
353.232

 12, 61.693,
353.232

 82, 61.693,
353.232

 2, 61.693, 353.232

 92, 61.693,
353.232

 0, 61.693, 353.232

 42, 61.693,

 42, 61.693,

353.232

40, 64.616,
356.129

39, 65.930,
359.670

39, 66.032,
359.969

353.232

44, 56.870,
350.933

48, 50.430,
349.081

51, 42.797,
347.554

55, 34.410,
346.261

60, 25.637,
345.139

65, 16.751,
344.144

69, 7.935, 343.233

74, 0.697, 163.008

Harmonies

Complementary

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



42, 61.693, 353.232



66, 60.670, 152.548

Rectangle

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



42, 61.693, 353.232



42, 61.693, 43.232



42, 61.693, 173.232



42, 61.693, 223.232

Sweetspot

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



42, 61.690, 353.233



79, 26.107, 344.651



33, 85.166, 311.722



40, 18.112, 345.013



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



42, 61.690, 353.233



52, 80.007, 358.756



40, 65.873, 31.328



36, 4.938, 343.248



33, 58.907, 359.434



3, 12.357, 349.582

Inverse Universe

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



42, 61.690, 353.233



52, 80.007, 358.756



67, 37.570, 192.363



36, 4.938, 343.248



33, 58.907, 359.434



3, 12.357, 349.582

Previews

White Background



This preview shows how the CIELCh color 42, 61.693, 353.232 looks on a white 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

Black Background



This preview shows how the CIELCh color 42, 61.693, 353.232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

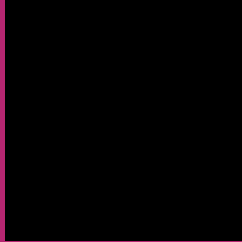
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 61.693, 353.232

Background



This preview shows how black text looks on a background with the CIELCh color 42, 61.693, 353.232.

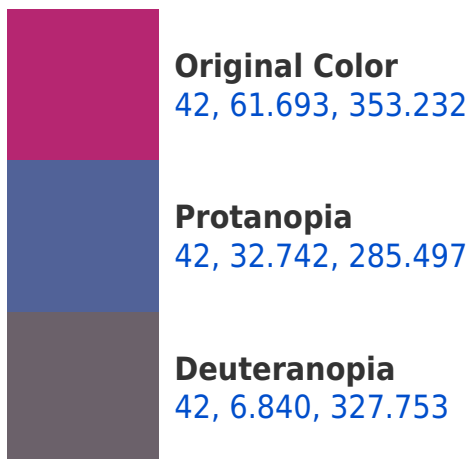


This preview shows how white text looks on a background with the CIELCh color 42, 61.693, 353.232.

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





Tritanopia
42, 56.548, 28.309

Trichromacy



Original Color
42, 61.693, 353.232

Protanomaly
39, 40.457, 316.868

Deuteranomaly
40, 30.419, 343.940

Tritanomaly
42, 55.544, 14.752

Monochromacy



Original Color
42, 61.693, 353.232

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 27.569, 346.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 61.693, 353.232 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(182, 38, 113)` looks like.

```
.text, #text, p{  
    color:rgb(182, 38, 113)  
}
```

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(182, 38, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 38, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 61.693, 353.232 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(182, 38, 113) }
```

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

```
.border{ border-color:rgb(182, 38, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 38, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 38, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 38, 113); box-shadow:4px 4px 4px 4px rgb(182, 38, 113) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 61.693, 353.232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 38, 113) }
```

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

```
.background{ background-color: rgb(182, 38,  
113) }
```

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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