

Converting Colors

CIELCh(42, 64.471, 325.961)

Have a look what the booklet for
CIELCh(42, 64.471, 325.961)
contains.

CIELCh(42, 64.447, 325.972)	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(42, 64.447, 325.972)

Conversions

Conversions Part 1

Format	Color
Hex	9A3A9F
RGB	154, 58, 159
RGB Percent	60%, 23%, 62%
CMY	0.3944, 0.7709, 0.3748
CMYK	0.03, 0.63, 0.00, 0.37
HSL	297°, 46%, 43%
HSV	297°, 63%, 63%
XYZ	21.2385, 12.5000, 34.2850
YIQ	98.2180, 24.7950, 51.7630

Conversions

Conversions Part 2

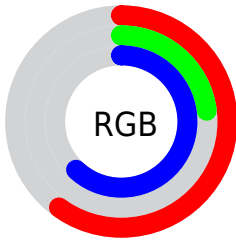
Format	Color
R_{YB}	154, 58, 159
Decimal	10107551
CIE _{Lab}	42.00, 53.41, -36.06
CIE _{LCh}	42, 64.447, 325.972
Yxy	12.5000, 0.3122, 0.1838
Android (android.graphics.Color)	4288297631 (0xFF9A3A9F)
YUV	98.2180, 29.9655, 48.9208
Hunter-Lab	35.3553, 45.3559, -32.7463

Details

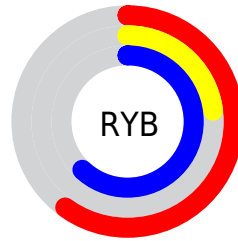
The CIELCh color $42, 64.447, 325.972$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $58, 64.849, 138.161$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 64.258, 326.056$, and $23, 61.209, 325.798$ is the 20% darker color. If you saturate the color by 10%, you get $40, 71.556, 326.212$, and if you desaturate by 10%, it is $45, 55.848, 325.639$.

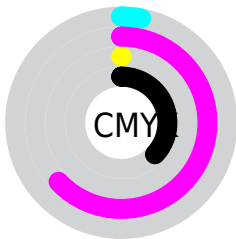
Distribution



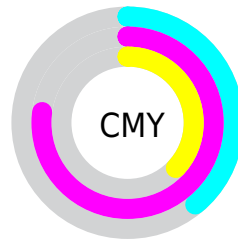
- Red (60%)
- Green (23%)
- Blue (62%)



- Red (60%)
- Yellow (23%)
- Blue (62%)



- Cyan (3%)
- Magenta (63%)
- Yellow (0%)
- Black (37%)





- Cyan (39%)
- Magenta (77%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 64.447, 325.972 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, 64.447, 325.972 by changing the saturation by 10% instead.


 42, 64.447,
325.972


 42, 64.447,
325.972


 100, 64.447,
325.972


 32, 64.447,
325.972

 62, 64.447,
325.972


 22, 64.447,
325.972

 72, 64.447,
325.972

 12, 64.447,
325.972

 82, 64.447,
325.972

 2, 64.447, 325.972

 92, 64.447,
325.972

 0, 64.447, 325.972

 42, 64.447,

 42, 64.447,

325.972

■ 40, 71.556,
326.212

■ 38, 76.826,
326.342

■ 37, 80.079,
326.352

■ 36, 81.552,
326.318

325.972

■ 45, 55.848,
325.639

■ 48, 46.181,
325.233

■ 52, 35.834,
324.775

■ 56, 25.133,
324.285

■ 60, 14.321,
323.776

■ 64, 3.570, 323.228

■ 69, 7.005, 142.819

■ 73, 17.336,
142.321

■ 77, 27.384,
141.856

Harmonies

Complementary

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



42, 64.447, 325.972



58, 64.849, 138.161

Rectangle

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



42, 64.447, 325.972



42, 64.447, 15.972



42, 64.447, 145.972



42, 64.447, 195.972

Sweetspot

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



42, 64.445, 325.972



73, 25.237, 324.084



32, 60.102, 298.373



37, 17.518, 324.221



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



42, 64.445, 325.972



51, 89.625, 326.279



41, 48.662, 347.852



31, 6.012, 323.562



32, 75.236, 326.336



1, 7.792, 322.804

Inverse Universe

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



39, 46.524, 24.644



47, 69.523, 29.323



59, 47.068, 154.089



31, 3.538, 15.902



29, 65.423, 37.173



1, 4.487, 15.515

Previews

White Background



This preview shows how the CIELCh color 42, 64.447, 325.972 looks on a white background.

Color Contrast Check

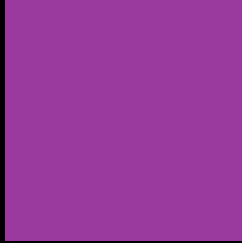
Large Text (above 18pt) WCAG AA ✓ Pass

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, 64.447, 325.972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

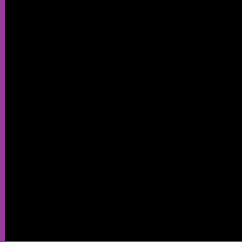
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 64.447, 325.972

Background



This preview shows how black text looks on a background with the CIELCh color 42, 64.447, 325.972.



This preview shows how white text looks on a background with the CIELCh color 42, 64.447, 325.972.

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

42, 64.447, 325.972

Protanopia

43, 59.105, 286.915

Deuteranopia

42, 33.032, 281.632



Tritanopia
42, 29.566, 17.234

Trichromacy



Original Color
42, 64.447, 325.972

Protanomaly
40, 59.889, 297.828

Deuteranomaly
41, 43.628, 304.136

Tritanomaly
42, 38.358, 347.108

Monochromacy



Original Color
42, 64.447, 325.972

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 26.224, 324.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 64.447, 325.972 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(154, 58, 159)` looks like.

```
.text, #text, p{  
    color:rgb(154, 58, 159)  
}
```

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(154, 58, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 58, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 64.447, 325.972 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(154, 58, 159) }
```

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

```
.border{ border-color:rgb(154, 58, 159) }
```

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

Here you see how a box with a 4 pixel rgb(154, 58, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 58, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 58, 159);  
box-shadow:4px 4px 4px 4px rgb(154, 58,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 64.447, 325.972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 58, 159) }
```

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

```
.background{ background-color: rgb(154, 58,  
159) }
```

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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