

Converting Colors

CIELCh(36, 62.755, 322.803)

Have a look what the booklet for
CIELCh(36, 62.755, 322.803)
contains.

CIELCh(36, 62.782, 322.839)	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(36, 62.782, 322.839)

Conversions

Conversions Part 1

Format	Color
Hex	832F92
RGB	131, 47, 146
RGB Percent	51%, 18%, 57%
CMY	0.4847, 0.8141, 0.4260
CMYK	0.10, 0.68, 0.00, 0.43
HSL	291°, 51%, 38%
HSV	291°, 68%, 57%
XYZ	15.6709, 9.0082, 28.2624
YIQ	83.4020, 18.2850, 48.5970

Conversions

Conversions Part 2

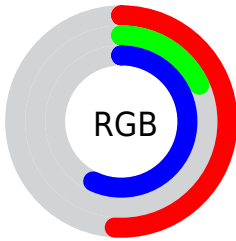
Format	Color
R_{YB}	131, 47, 146
Decimal	8597394
CIE _{Lab}	36.00, 50.03, -37.92
CIE _{LCh}	36, 62.782, 322.839
Yxy	9.0082, 0.2960, 0.1702
Android (android.graphics.Color)	4286787474 (0xFF832F92)
YUV	83.4020, 30.8608, 41.7434
Hunter-Lab	30.0136, 40.6761, -34.8210

Details

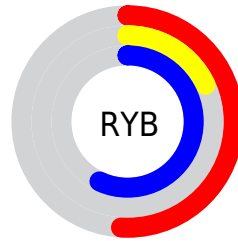
The CIELCh color **36, 62.782, 322.839** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **54, 62.253, 135.928**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 62.452, 323.080**, and **18, 56.922, 321.852** is the 20% darker color. If you saturate the color by 10%, you get **34, 69.171, 322.927**, and if you desaturate by 10%, it is **39, 54.980, 322.617**.

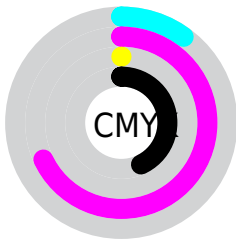
Distribution



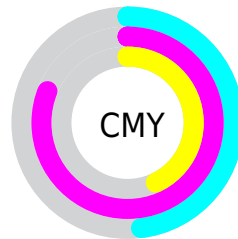
- Red (51%)
- Green (18%)
- Blue (57%)



- Red (51%)
- Yellow (18%)
- Blue (57%)



- Cyan (10%)
- Magenta (68%)
- Yellow (0%)
- Black (43%)





- Cyan (48%)
- Magenta (81%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 62.782, 322.839 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 36, 62.782, 322.839 by changing the saturation by 10% instead.


 36, 62.782,
322.839


 36, 62.782,
322.839

 100, 62.782,
322.839


 26, 62.782,
322.839

 56, 62.782,
322.839


 16, 62.782,
322.839


 66, 62.782,
322.839

 6, 62.782, 322.839

 76, 62.782,
322.839

 0, 62.782, 322.839

 86, 62.782,
322.839

 96, 62.782,
322.839

36, 62.782,
322.839

36, 62.782,
322.839

34, 69.171,
322.927

39, 54.980,
322.617

32, 73.797,
322.848

42, 46.180,
322.296

31, 76.697,
322.604

46, 36.756,
321.907

30, 77.337,
322.545

49, 27.010,
321.477

53, 17.164,
321.025

58, 7.373, 320.560

62, 2.267, 140.218

66, 11.693,
139.729

■ 70, 20.874,
139.317

Harmonies

Complementary

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



36, 62.782, 322.839



54, 62.253, 135.928

Rectangle

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



36, 62.782, 322.839



36, 62.782, 12.839



36, 62.782, 142.839



36, 62.782, 192.839

Sweetspot

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



36, 62.781, 322.839



67, 24.262, 321.153



30, 52.307, 294.534



34, 16.702, 321.269



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



36, 62.781, 322.839



43, 87.407, 322.909



37, 51.003, 341.588



29, 5.516, 320.636



28, 73.963, 322.575



1, 4.790, 320.241

Inverse Universe

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



35, 44.890, 18.251



42, 65.808, 23.928



54, 51.266, 148.497



29, 3.405, 7.753



28, 59.895, 31.518



1, 2.904, 7.022

Previews

White Background



This preview shows how the CIELCh color 36, 62.782, 322.839 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 36, 62.782, 322.839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

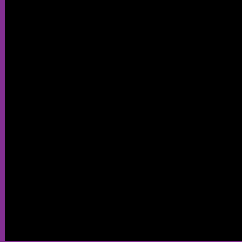
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 62.782, 322.839

Background



This preview shows how black text looks on a background with the CIELCh color 36, 62.782, 322.839.

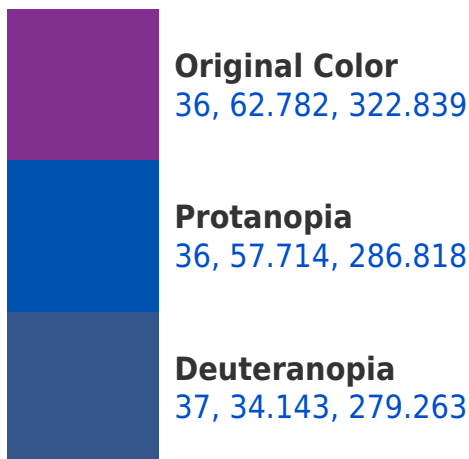


This preview shows how white text looks on a background with the CIELCh color 36, 62.782, 322.839.

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
36, 23.868, 16.239

Trichromacy



Original Color
36, 62.782, 322.839



Protanomaly
33, 59.871, 295.024



Deuteranomaly
35, 43.766, 300.470



Tritanomaly
35, 34.205, 342.019

Monochromacy



Original Color
36, 62.782, 322.839



Achromatopsia
36, 0.005, 296.813



Achromatomaly
35, 25.358, 321.232

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 62.782, 322.839 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(131, 47, 146)` looks like.

```
.text, #text, p{  
    color:rgb(131, 47, 146)  
}
```

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(131, 47, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 47, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 62.782, 322.839 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(131, 47, 146) }
```

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

```
.border{ border-color:rgb(131, 47, 146) }
```

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

Here you see how a box with a 4 pixel rgb(131, 47, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 47, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 47, 146);  
box-shadow:4px 4px 4px 4px rgb(131, 47,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 62.782, 322.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 47, 146) }
```

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

```
.background{ background-color: rgb(131, 47,  
146) }
```

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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