

Converting Colors

CIELCh(36, 78.577, 327.911)

Have a look what the booklet for
CIELCh(36, 78.577, 327.911)
contains.

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Color

CIELCh(36, 78.526, 327.958)

Conversions

Conversions Part 1

Format	Color
Hex	980399
RGB	152, 3, 153
RGB Percent	60%, 1%, 60%
CMY	0.4046, 0.9899, 0.4006
CMYK	0.01, 0.98, 0.00, 0.40
HSL	300°, 97%, 30%
HSV	300°, 98%, 60%
XYZ	18.6797, 9.0082, 30.8196
YIQ	64.6510, 40.6540, 78.2380

Conversions

Conversions Part 2

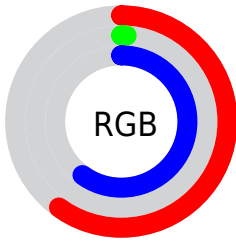
Format	Color
R_{YB}	152, 3, 153
Decimal	9962393
CIE _{Lab}	36.00, 66.56, -41.66
CIE _{LCh}	36, 78.526, 327.958
Yxy	9.0082, 0.3193, 0.1540
Android (android.graphics.Color)	4288152473 (0xFF980399)
YUV	64.6510, 43.5561, 76.6051
Hunter-Lab	30.0136, 58.5699, -39.8727

Details

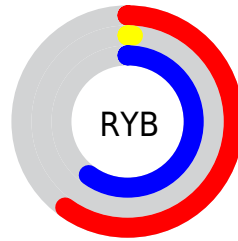
The CIELCh color **36, 78.526, 327.958** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **55, 81.260, 136.065**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **56, 78.525, 327.985**, and **22, 58.706, 326.397** is the 20% darker color. If you saturate the color by 10%, you get **36, 78.885, 327.970**, and if you desaturate by 10%, it is **37, 76.160, 327.875**.

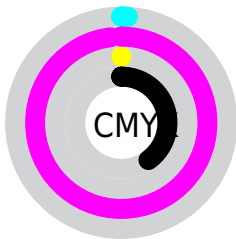
Distribution



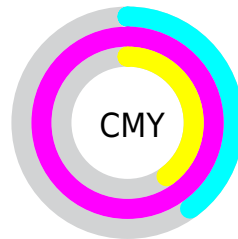
- Red (60%)
- Green (1%)
- Blue (60%)



- Red (60%)
- Yellow (1%)
- Blue (60%)



- Cyan (1%)
- Magenta (98%)
- Yellow (0%)
- Black (40%)




- Cyan (40%)
- Magenta (99%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 78.526, 327.958 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, 78.526, 327.958 by changing the saturation by 10% instead.


 36, 78.526,
327.958

 36, 78.526,
327.958

 100, 78.526,
327.958


 26, 78.526,
327.958

 56, 78.526,
327.958


 16, 78.526,
327.958


 66, 78.526,
327.958

 6, 78.526, 327.958

 76, 78.526,
327.958

 0, 78.526, 327.958

 86, 78.526,
327.958

 96, 78.526,
327.958

■ 36, 78.526,
327.958

■ 36, 78.526,
327.958

■ 36, 78.885,
327.970

■ 37, 76.160,
327.875

■ 38, 72.119,
327.712

■ 40, 66.197,
327.459

■ 42, 58.634,
327.122

■ 45, 49.792,
326.713

■ 48, 40.061,
326.250

■ 52, 29.794,
325.749

■ 56, 19.275,

325.224

■ 60, 8.717, 324.681

Harmonies

Complementary

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



36, 78.526, 327.958



55, 81.260, 136.065

Rectangle

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



36, 78.526, 327.958



36, 78.526, 17.958



36, 78.526, 147.958



36, 78.526, 197.958

Sweetspot

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



36, 78.524, 327.958



66, 37.796, 325.813



18, 89.582, 305.851



33, 25.817, 326.012



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



36, 78.524, 327.958



47, 95.873, 327.965



33, 57.856, 359.195



30, 5.928, 324.731



33, 74.088, 327.972



1, 6.370, 324.236

Inverse Universe

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



31, 69.763, 38.834



41, 86.426, 39.745



55, 60.697, 149.024



30, 3.438, 19.351



28, 65.886, 38.785



1, 3.596, 18.854

Previews

White Background



This preview shows how the CIELCh color 36, 78.526, 327.958 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, 78.526, 327.958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

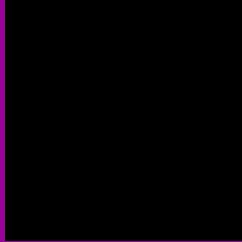
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 78.526, 327.958

Background



This preview shows how black text looks on a background with the CIELCh color 36, 78.526, 327.958.

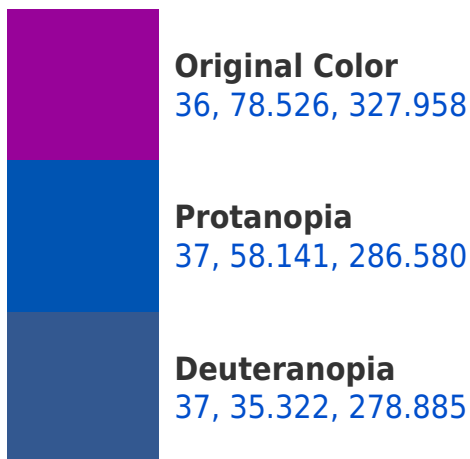


This preview shows how white text looks on a background with the CIELCh color 36, 78.526, 327.958.

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
37, 38.225, 23.035

Trichromacy



Original Color
36, 78.526, 327.958

Protanomaly
30, 71.917, 301.309

Deuteranomaly
32, 56.800, 307.680

Tritanomaly
35, 49.952, 350.728

Monochromacy



Original Color
36, 78.526, 327.958

Achromatopsia
27, 0.004, 296.813

Achromatomaly
27, 39.159, 327.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 78.526, 327.958 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(152, 3, 153)` looks like.

```
.text, #text, p{  
    color:rgb(152, 3, 153)  
}
```

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(152, 3, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 3, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 78.526, 327.958 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(152, 3, 153) }
```

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

```
.border{ border-color:rgb(152, 3, 153) }
```

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

Here you see how a box with a 4 pixel rgb(152, 3, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 3, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 3, 153);  
box-shadow:4px 4px 4px 4px rgb(152, 3,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 78.526, 327.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 3, 153) }
```

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

```
.background{ background-color: rgb(152, 3,  
153) }
```

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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