

Converting Colors

CIELCh(36, 78.954, 327.894)

Have a look what the booklet for
CIELCh(36, 78.954, 327.894)
contains.

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Color

CIELCh(36, 78.806, 327.971)

Conversions

Conversions Part 1

Format	Color
Hex	980199
RGB	152, 1, 153
RGB Percent	60%, 0%, 60%
CMY	0.4037, 0.9954, 0.3998
CMYK	0.01, 0.99, 0.00, 0.40
HSL	300°, 98%, 30%
HSV	300°, 99%, 60%
XYZ	18.7273, 9.0082, 30.9136
YIQ	63.4770, 41.2040, 79.2840

Conversions

Conversions Part 2

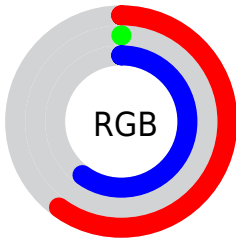
Format	Color
R_{YB}	152, 1, 153
Decimal	9961881
CIE _{Lab}	36.00, 66.81, -41.79
CIE _{LCh}	36, 78.806, 327.971
Yxy	9.0082, 0.3193, 0.1536
Android (android.graphics.Color)	4288151961 (0xFF980199)
YUV	63.4770, 44.1348, 77.6347
Hunter-Lab	30.0136, 58.8531, -40.0584

Details

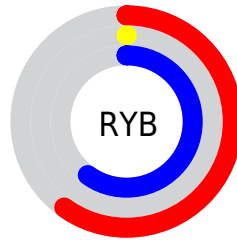
The CIELCh color **36, 78.806, 327.971** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **55, 81.586, 136.020**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **56, 78.990, 327.999**, and **22, 58.706, 326.397** is the 20% darker color. If you saturate the color by 10%, you get **36, 78.969, 327.977**, and if you desaturate by 10%, it is **37, 76.517, 327.891**.

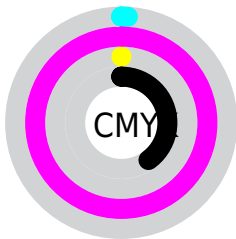
Distribution



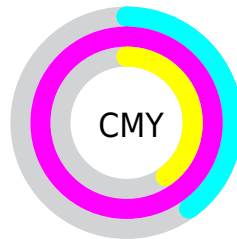
- Red (60%)
- Green (0%)
- Blue (60%)



- Red (60%)
- Yellow (0%)
- Blue (60%)



- Cyan (1%)
- Magenta (99%)
- Yellow (0%)
- Black (40%)





- Cyan (40%)
- Magenta (100%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 78.806, 327.971 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, 78.806, 327.971 by changing the saturation by 10% instead.


 36, 78.806,
327.971


 36, 78.806,
327.971

 100, 78.806,
327.971


 26, 78.806,
327.971

 56, 78.806,
327.971


 16, 78.806,
327.971


 66, 78.806,
327.971

 6, 78.806, 327.971

 76, 78.806,
327.971

 0, 78.806, 327.971

 86, 78.806,
327.971

 96, 78.806,
327.971

■ 36, 78.806,
327.971

■ 36, 78.806,
327.971

■ 36, 78.969,
327.977

■ 37, 76.517,
327.891

■ 38, 72.650,
327.737

■ 40, 66.888,
327.491

■ 42, 59.453,
327.161

■ 45, 50.702,
326.758

■ 48, 41.025,
326.299

■ 52, 30.782,
325.801

■ 55, 20.264,

325.277

■ 59, 9.689, 324.736

Harmonies

Complementary

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



36, 78.806, 327.971



55, 81.586, 136.020

Rectangle

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



36, 78.806, 327.971



36, 78.806, 17.971



36, 78.806, 147.971



36, 78.806, 197.971

Sweetspot

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



36, 78.804, 327.971



66, 39.085, 325.870



17, 90.166, 305.951



32, 26.539, 326.064



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, 78.804, 327.971



47, 95.873, 327.972



33, 58.050, 359.511



30, 5.928, 324.735



33, 74.088, 327.979



1, 6.371, 324.241

Inverse Universe

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



31, 70.314, 39.077



41, 86.434, 39.751



55, 61.117, 148.838



30, 3.438, 19.364



28, 65.891, 38.791



1, 3.596, 18.867

Previews

White Background



This preview shows how the CIELCh color 36, 78.806, 327.971 looks on a white background.

Color Contrast Check

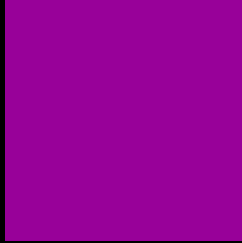
Large Text (above 18pt) WCAG AA ✓ Pass

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, 78.806, 327.971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

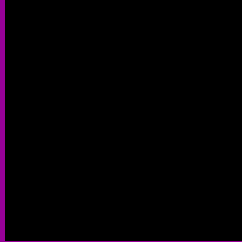
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 78.806, 327.971

Background



This preview shows how black text looks on a background with the CIELCh color 36, 78.806, 327.971.

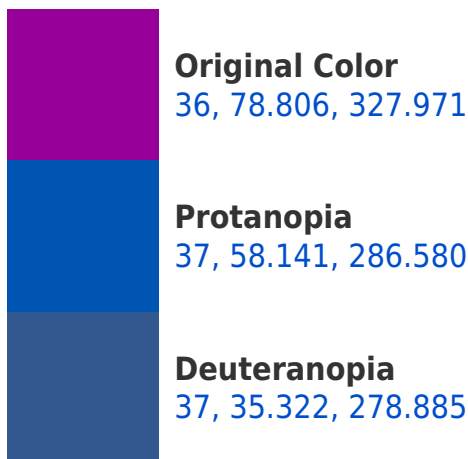


This preview shows how white text looks on a background with the CIELCh color 36, 78.806, 327.971.

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, 78.806, 327.971

Protanomaly
30, 71.917, 301.309

Deuteranomaly
32, 57.443, 307.926

Tritanomaly
35, 49.952, 350.728

Monochromacy



Original Color
36, 78.806, 327.971

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 39.783, 327.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 78.806, 327.971 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, 1, 153)` looks like.

```
.text, #text, p{  
    color:rgb(152, 1, 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, 1, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 1, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 78.806, 327.971 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, 1, 153) }
```

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

```
.border{ border-color:rgb(152, 1, 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, 1, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 1, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 1, 153);  
box-shadow:4px 4px 4px 4px rgb(152, 1,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 78.806, 327.971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 1, 153) }
```

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

```
.background{ background-color: rgb(152, 1,  
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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