

Converting Colors

CIELCh(36, 78.057, 328.222)

Have a look what the booklet for
CIELCh(36, 78.057, 328.222)
contains.

CIELCh(36, 78.126, 328.214)	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, 78.126, 328.214)

Conversions

Conversions Part 1

Format	Color
Hex	980398
RGB	152, 3, 152
RGB Percent	60%, 1%, 60%
CMY	0.4039, 0.9881, 0.4039
CMYK	0.00, 0.98, 0.00, 0.40
HSL	300°, 96%, 30%
HSV	300°, 98%, 60%
XYZ	18.6499, 9.0082, 30.4630
YIQ	64.5370, 40.9750, 77.9270

Conversions

Conversions Part 2

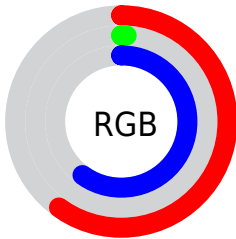
Format	Color
R_YB	152, 3, 152
Decimal	9962392
CIE _{Lab}	36.00, 66.41, -41.15
CIE _{LCh}	36, 78.126, 328.214
Yxy	9.0082, 0.3209, 0.1550
Android (android.graphics.Color)	4288152472 (0xFF980398)
YUV	64.5370, 43.1193, 76.7051
Hunter-Lab	30.0136, 58.3928, -39.1682

Details

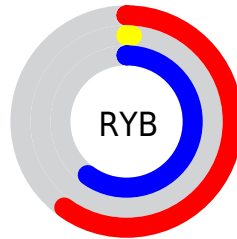
The CIELCh color **36, 78.126, 328.214** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **55, 80.890, 136.116**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **56, 78.124, 328.226**, and **22, 58.264, 326.748** is the 20% darker color. If you saturate the color by 10%, you get **36, 78.550, 328.233**, and if you desaturate by 10%, it is **37, 75.746, 328.110**.

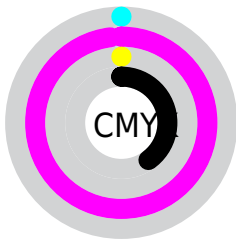
Distribution



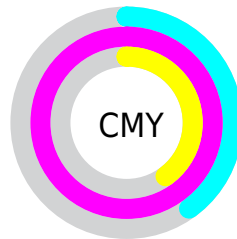
- Red (60%)
- Green (1%)
- Blue (60%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 78.126, 328.214 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, 78.126, 328.214 by changing the saturation by 10% instead.


 36, 78.126,
328.214


 36, 78.126,
328.214

 100, 78.126,
328.214


 26, 78.126,
328.214

 56, 78.126,
328.214


 16, 78.126,
328.214


 66, 78.126,
328.214

 6, 78.126, 328.214

 76, 78.126,
328.214

 0, 78.126, 328.214

 86, 78.126,
328.214

 96, 78.126,
328.214

■ 36, 78.126,
328.214

■ 36, 78.126,
328.214

■ 36, 78.550,
328.233

■ 37, 75.746,
328.110

■ 38, 71.677,
327.930

■ 40, 65.741,
327.663

■ 42, 58.178,
327.315

■ 45, 49.346,
326.899

■ 48, 39.633,
326.429

■ 52, 29.390,
325.923

■ 56, 18.897,

325.393

■ 60, 8.368, 324.844

Harmonies

Complementary

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



36, 78.126, 328.214



55, 80.890, 136.116

Rectangle

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



36, 78.126, 328.214



36, 78.126, 18.214



36, 78.126, 148.214



36, 78.126, 198.214

Sweetspot

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



36, 78.124, 328.214



65, 37.469, 326.003



17, 89.847, 306.060



33, 25.862, 326.205



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, 78.124, 328.214



47, 94.928, 328.233



32, 57.364, 0.581



30, 5.940, 324.913



33, 74.069, 328.233



1, 6.386, 324.439

Inverse Universe

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



36, 78.124, 328.214



47, 94.928, 328.233



55, 59.312, 149.924



30, 5.940, 324.913



33, 74.069, 328.233



1, 6.386, 324.439

Previews

White Background



This preview shows how the CIELCh color 36, 78.126, 328.214 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, 78.126, 328.214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

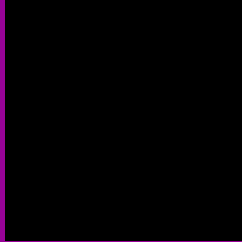
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 78.126, 328.214

Background



This preview shows how black text looks on a background with the CIELCh color 36, 78.126, 328.214.



This preview shows how white text looks on a background with the CIELCh color 36, 78.126, 328.214.

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

36, 78.126, 328.214

Protanopia

37, 58.141, 286.580

Deuteranopia

37, 34.707, 278.766



Tritanopia
37, 38.225, 23.035

Trichromacy



Original Color
36, 78.126, 328.214



Protanomaly
30, 71.278, 301.042



Deuteranomaly
32, 56.232, 307.762



Tritanomaly
35, 49.952, 350.728

Monochromacy



Original Color
36, 78.126, 328.214



Achromatopsia
28, 0.004, 296.813



Achromatomaly
27, 39.762, 327.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 78.126, 328.214 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, 152)` looks like.

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

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, 152) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 36, 78.126, 328.214 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, 152) }
```

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

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

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, 152)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 36, 78.126, 328.214 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, 152) }
```

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

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

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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