

Converting Colors

CIELCh(36, 44.575, 327.206)

Have a look what the booklet for
CIELCh(36, 44.575, 327.206)
contains.

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Color

CIELCh(36, 44.663, 327.014)

Conversions

Conversions Part 1

Format	Color
Hex	7C3C7C
RGB	124, 60, 124
RGB Percent	49%, 24%, 49%
CMY	0.5130, 0.7640, 0.5130
CMYK	0.00, 0.52, 0.00, 0.51
HSL	300°, 35%, 36%
HSV	300°, 52%, 49%
XYZ	13.6128, 9.0082, 20.1491
YIQ	86.4320, 17.6000, 33.4720

Conversions

Conversions Part 2

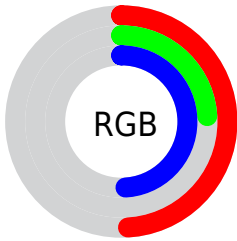
Format	Color
RYB	124, 60, 124
Decimal	8141948
CIELab	36.00, 37.46, -24.32
CIElCh	36, 44.663, 327.014
Yxy	9.0082, 0.3183, 0.2106
Android (android.graphics.Color)	4286332028 (0xFF7C3C7C)
YUV	86.4320, 18.5210, 32.9471
Hunter-Lab	30.0136, 28.4359, -18.7938

Details

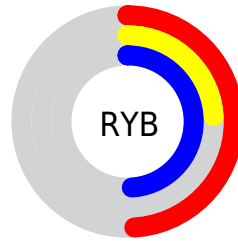
The CIELCh color $36, 44.663, 327.014$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $47, 44.892, 140.423$, and the grayscale version is $37, 0.005, 296.813$.

A 20% lighter version of the original color is $56, 44.838, 326.876$, and $16, 44.731, 326.998$ is the 20% darker color. If you saturate the color by 10%, you get $34, 51.910, 327.407$, and if you desaturate by 10%, it is $39, 36.598, 326.566$.

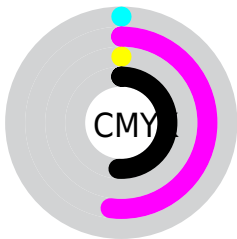
Distribution



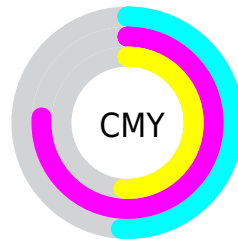
- Red (49%)
- Green (24%)
- Blue (49%)



- Red (49%)
- Yellow (24%)
- Blue (49%)



- Cyan (0%)
- Magenta (52%)
- Yellow (0%)
- Black (51%)



- Cyan (51%)
- Magenta (76%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 44.663, 327.014 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, 44.663, 327.014 by changing the saturation by 10% instead.


 36, 44.663,
327.014

 36, 44.663,
327.014

 100, 44.663,
327.014

 26, 44.663,
327.014

 56, 44.663,
327.014

 16, 44.663,
327.014

 66, 44.663,
327.014

 6, 44.663, 327.014

 76, 44.663,
327.014

 0, 44.663, 327.014

 86, 44.663,
327.014

 96, 44.663,
327.014

36, 44.663,
327.014

36, 44.663,
327.014

34, 51.910,
327.407

39, 36.598,
326.566

32, 58.028,
327.732

42, 28.018,
326.077

30, 62.736,
327.976

45, 19.168,
325.563

29, 65.871,
328.137

48, 10.239,
325.032

29, 67.827,
328.236

52, 1.365, 324.392

55, 7.363, 144.034

59, 15.888,
143.520

62, 24.179,
143.034

■ 66, 32.221,
142.574

Harmonies

Complementary

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



36, 44.663, 327.014



47, 44.892, 140.423

Rectangle

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



36, 44.663, 327.014



36, 44.663, 17.014



36, 44.663, 147.014



36, 44.663, 197.014

Sweetspot

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



36, 44.661, 327.014



60, 16.451, 325.236



29, 41.140, 297.354



30, 11.318, 325.328



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



36, 44.661, 327.014



43, 64.137, 327.475



35, 32.442, 348.928



24, 4.930, 324.896



29, 68.127, 328.236



60, 114.682, 328.236

Inverse Universe

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



36, 44.661, 327.014



43, 64.137, 327.475



47, 30.744, 158.464



24, 4.930, 324.896



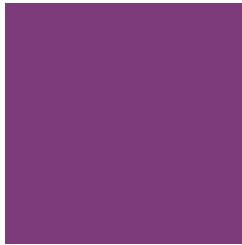
29, 68.127, 328.236



60, 114.682, 328.236

Previews

White Background



This preview shows how the CIELCh color 36, 44.663, 327.014 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, 44.663, 327.014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

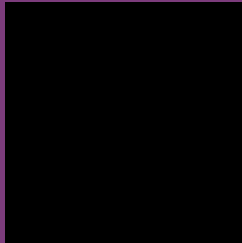
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 44.663, 327.014

Background



This preview shows how black text looks on a background with the CIELCh color 36, 44.663, 327.014.

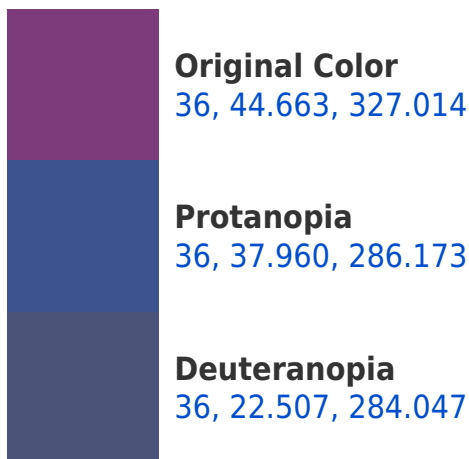


This preview shows how white text looks on a background with the CIELCh color 36, 44.663, 327.014.

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, 21.036, 14.661

Trichromacy



Original Color
36, 44.663, 327.014

Protanomaly
35, 38.723, 299.900

Deuteranomaly
35, 30.014, 306.411

Tritanomaly
36, 26.735, 347.810

Monochromacy



Original Color
36, 44.663, 327.014

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 17.841, 325.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 44.663, 327.014 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(124, 60, 124)` looks like.

```
.text, #text, p{  
    color:rgb(124, 60, 124)  
}
```

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(124, 60, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 60, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 44.663, 327.014 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(124, 60, 124) }
```

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

```
.border{ border-color:rgb(124, 60, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 60, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 60, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 60, 124);  
box-shadow:4px 4px 4px 4px rgb(124, 60,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 44.663, 327.014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 60, 124) }
```

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

```
.background{ background-color: rgb(124, 60,  
124) }
```

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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