

Converting Colors

CIELCh(36, 24.644, 317.689)

Have a look what the booklet for
CIELCh(36, 24.644, 317.689)
contains.

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Color

CIELCh(36, 24.578, 317.749)

Conversions

Conversions Part 1

Format	Color
Hex	654B6F
RGB	101, 75, 111
RGB Percent	40%, 29%, 44%
CMY	0.6028, 0.7048, 0.5635
CMYK	0.09, 0.32, 0.00, 0.56
HSL	283°, 19%, 37%
HSV	283°, 32%, 44%
XYZ	10.8207, 9.0082, 16.2933
YIQ	86.8780, 3.9400, 16.7080

Conversions

Conversions Part 2

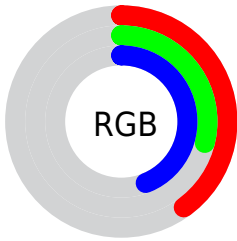
Format	Color
R_{YB}	101, 75, 111
Decimal	6638447
CIE Lab	36.00, 18.19, -16.53
CIE LCh	36, 24.578, 317.749
Yxy	9.0082, 0.2996, 0.2494
Android (android.graphics.Color)	4284828527 (0xFF654B6F)
YUV	86.8780, 11.8921, 12.3850
Hunter-Lab	30.0136, 11.8300, -11.1769

Details

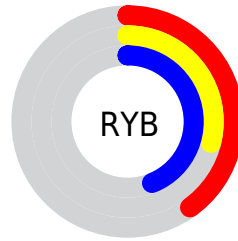
The CIELCh color $[36, 24.578, 317.749]$ is a dark color, and the websafe version is hex `#663366`. A complement of this color would be $[44, 24.071, 134.940]$, and the grayscale version is $[37, 0.005, 296.813]$.

A 20% lighter version of the original color is $[56, 24.713, 317.299]$, and $[16, 24.727, 317.565]$ is the 20% darker color. If you saturate the color by 10%, you get $[33, 32.222, 318.144]$, and if you desaturate by 10%, it is $[39, 16.886, 317.335]$.

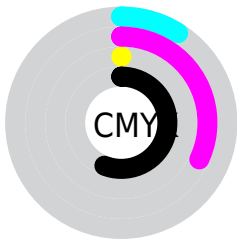
Distribution



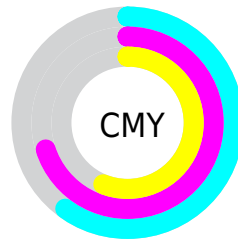
- Red (40%)
- Green (29%)
- Blue (44%)



- Red (40%)
- Yellow (29%)
- Blue (44%)



- Cyan (9%)
- Magenta (32%)
- Yellow (0%)
- Black (56%)




- Cyan (60%)
- Magenta (70%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 24.578, 317.749 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, 24.578, 317.749 by changing the saturation by 10% instead.


 36, 24.578,
317.749


 36, 24.578,
317.749

 100, 24.578,
317.749


 26, 24.578,
317.749

 56, 24.578,
317.749


 16, 24.578,
317.749

 66, 24.578,
317.749

 6, 24.578, 317.749

 76, 24.578,
317.749

 0, 24.578, 317.749

 86, 24.578,
317.749

 96, 24.578,
317.749

■ 36, 24.578,
317.749

■ 36, 24.578,
317.749

■ 33, 32.222,
318.144

■ 39, 16.886,
317.335

■ 30, 39.661,
318.496

■ 43, 9.256, 316.916

■ 46, 1.754, 316.459

■ 27, 46.668,
318.770

■ 50, 5.583, 136.169

■ 24, 52.943,
318.925

■ 53, 12.733,
135.799

■ 22, 58.142,
318.910

■ 57, 19.688,
135.464

■ 21, 61.958,
318.675

■ 60, 26.447,
135.158

■ 20, 64.589,
318.482

■ 64, 33.014,
134.880

■ 67, 39.394,
134.628

Harmonies

Complementary

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



36, 24.578, 317.749



44, 24.071, 134.940

Rectangle

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



36, 24.578, 317.749



36, 24.578, 7.749



36, 24.578, 137.749



36, 24.578, 187.749

Sweetspot

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



36, 24.577, 317.749



56, 9.303, 316.829



36, 16.296, 279.538



28, 6.403, 316.874



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



36, 24.577, 317.749



44, 36.927, 318.056



37, 22.659, 333.124



22, 4.226, 316.775



21, 68.117, 318.412



47, 116.649, 317.915

Inverse Universe

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



36, 16.882, 0.958



44, 25.558, 2.079



44, 22.543, 148.754



22, 2.832, 358.264



24, 50.070, 20.724



52, 87.283, 24.237

Previews

White Background



This preview shows how the CIE LCh color 36, 24.578, 317.749 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, 24.578, 317.749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

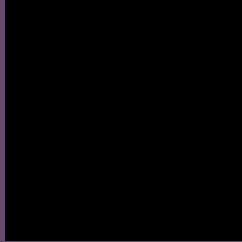
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 24.578, 317.749

Background



This preview shows how black text looks on a background with the CIELCh color 36, 24.578, 317.749.



This preview shows how white text looks on a background with the CIELCh color 36, 24.578, 317.749.

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, 24.578, 317.749

Protanopia

36, 21.213, 284.983

Deuteranopia

36, 16.790, 289.078



Tritanopia
36, 8.644, 355.358

Trichromacy



Original Color
36, 24.578, 317.749

Protanomaly
36, 21.848, 297.468

Deuteranomaly
36, 18.993, 302.363

Tritanomaly
36, 13.740, 331.427

Monochromacy



Original Color
36, 24.578, 317.749

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 8.917, 316.006

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 24.578, 317.749 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(101, 75, 111)` looks like.

```
.text, #text, p{  
    color:rgb(101, 75, 111)  
}
```

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(101, 75, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 75, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 24.578, 317.749 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(101, 75, 111) }
```

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

```
.border{ border-color:rgb(101, 75, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 75, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 75, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 75, 111);  
box-shadow:4px 4px 4px 4px rgb(101, 75,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 24.578, 317.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 75, 111) }
```

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

```
.background{ background-color: rgb(101, 75,  
111) }
```

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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