

Converting Colors

CIELCh(34, 43.653, 328.945)

Have a look what the booklet for
CIELCh(34, 43.653, 328.945)
contains.

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Color

CIELCh(34, 43.565, 328.994)

Conversions

Conversions Part 1

Format	Color
Hex	783774
RGB	120, 55, 116
RGB Percent	47%, 22%, 45%
CMY	0.5289, 0.7839, 0.5446
CMYK	0.00, 0.54, 0.03, 0.53
HSL	304°, 37%, 34%
HSV	304°, 54%, 47%
XYZ	12.2929, 8.0082, 17.4558
YIQ	81.3890, 19.1590, 32.7510

Conversions

Conversions Part 2

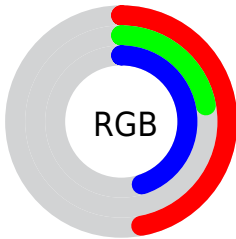
Format	Color
R _Y B	120, 55, 116
Decimal	7878516
CIE Lab	34.00, 37.34, -22.44
CIE LCh	34, 43.565, 328.994
Yxy	8.0082, 0.3256, 0.2121
Android (android.graphics.Color)	4286068596 (0xFF783774)
YUV	81.3890, 17.0632, 33.8618
Hunter-Lab	28.2988, 28.0171, -16.7633

Details

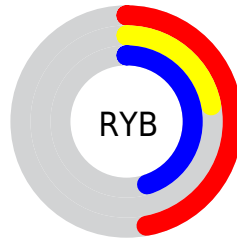
The CIELCh color $[34, 43.565, 328.994]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[45, 43.888, 141.751]$, and the grayscale version is $[35, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 43.458, 329.130]$, and $[14, 43.359, 329.243]$ is the 20% darker color. If you saturate the color by 10%, you get $[32, 50.104, 329.454]$, and if you desaturate by 10%, it is $[37, 36.183, 328.497]$.

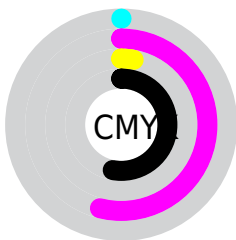
Distribution



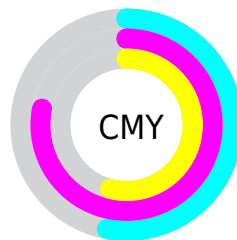
- Red (47%)
- Green (22%)
- Blue (45%)



- Red (47%)
- Yellow (22%)
- Blue (45%)



- Cyan (0%)
- Magenta (54%)
- Yellow (3%)
- Black (53%)



- Cyan (53%)
- Magenta (78%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 43.565, 328.994 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 34, 43.565, 328.994 by changing the saturation by 10% instead.


 34, 43.565,
328.994

 34, 43.565,
328.994

 100, 43.565,
328.994


 24, 43.565,
328.994

 54, 43.565,
328.994

 14, 43.565,
328.994


 64, 43.565,
328.994

 4, 43.565, 328.994

 74, 43.565,
328.994

 0, 43.565, 328.994

 84, 43.565,
328.994

 94, 43.565,
328.994

34, 43.565,
328.994

34, 43.565,
328.994

32, 50.104,
329.454

37, 36.183,
328.497

30, 55.499,
329.870

39, 28.256,
327.974

29, 59.486,
330.238

42, 20.032,
327.434

28, 61.978,
330.562

46, 11.699,
326.884

27, 63.218,
330.744

49, 3.394, 326.305

53, 4.790, 145.870

56, 12.796,
145.332

60, 20.591,
144.832

■ 63, 28.159,
144.358

Harmonies

Complementary

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



34, 43.565, 328.994



45, 43.888, 141.751

Rectangle

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



34, 43.565, 328.994



34, 43.565, 18.994



34, 43.565, 148.994



34, 43.565, 198.994

Sweetspot

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



34, 43.563, 328.994



58, 16.397, 327.010



27, 42.196, 299.038



29, 11.163, 327.100



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



34, 43.563, 328.994



41, 62.185, 329.561



33, 32.240, 352.479



24, 4.728, 326.603



29, 65.020, 330.755



59, 109.177, 330.900

Inverse Universe

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



34, 43.563, 328.994



41, 62.185, 329.561



46, 29.936, 160.818



24, 4.728, 326.603



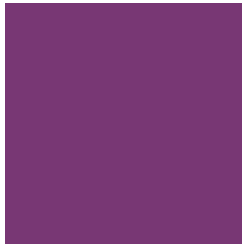
29, 65.020, 330.755



59, 109.177, 330.900

Previews

White Background



This preview shows how the CIELCh color 34, 43.565, 328.994 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 34, 43.565, 328.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

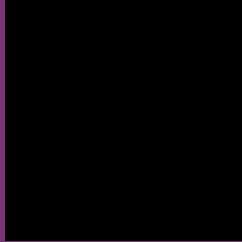
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 43.565, 328.994

Background



This preview shows how black text looks on a background with the CIELCh color 34, 43.565, 328.994.



This preview shows how white text looks on a background with the CIELCh color 34, 43.565, 328.994.

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

34, 43.565, 328.994

Protanopia

34, 35.849, 285.344

Deuteranopia

34, 20.205, 283.428



Tritanopia
34, 22.704, 15.743

Trichromacy



Original Color
34, 43.565, 328.994

Protanomaly
33, 37.286, 300.615

Deuteranomaly
34, 27.253, 307.702

Tritanomaly
34, 27.674, 351.077

Monochromacy



Original Color
34, 43.565, 328.994

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 17.012, 328.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 43.565, 328.994 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(120, 55, 116)` looks like.

```
.text, #text, p{  
    color:rgb(120, 55, 116)  
}
```

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(120, 55, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 55, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 43.565, 328.994 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(120, 55, 116) }
```

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

```
.border{ border-color:rgb(120, 55, 116) }
```

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

Here you see how a box with a 4 pixel rgb(120, 55, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 55, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 55, 116);  
box-shadow:4px 4px 4px 4px rgb(120, 55,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 43.565, 328.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 55, 116) }
```

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

```
.background{ background-color: rgb(120, 55,  
116) }
```

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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