

Converting Colors

CIELCh(40, 21.771, 328.597)

Have a look what the booklet for
CIELCh(40, 21.771, 328.597)
contains.

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Color

CIELCh(40, 21.775, 328.597)

Conversions

Conversions Part 1

Format	Color
Hex	745471
RGB	116, 84, 113
RGB Percent	45%, 33%, 44%
CMY	0.5450, 0.6705, 0.5568
CMYK	0.00, 0.28, 0.03, 0.55
HSL	306°, 16%, 39%
HSV	306°, 28%, 45%
XYZ	13.3589, 11.2510, 17.0965
YIQ	96.8740, 9.7630, 15.8030

Conversions

Conversions Part 2

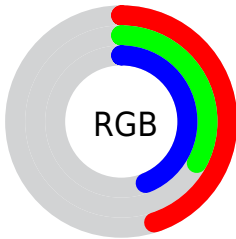
Format	Color
R_{YB}	116, 84, 113
Decimal	7623793
CIE _{Lab}	40.00, 18.59, -11.35
CIE _{LCh}	40, 21.775, 328.597
Yxy	11.2510, 0.3203, 0.2698
Android (android.graphics.Color)	4285813873 (0xFF745471)
YUV	96.8740, 7.9501, 16.7735
Hunter-Lab	33.5425, 12.3918, -6.7402

Details

The CIELCh color $40, 21.775, 328.597$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $46, 21.747, 145.254$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 21.711, 328.055$, and $20, 21.902, 328.509$ is the 20% darker color. If you saturate the color by 10%, you get $37, 29.527, 329.154$, and if you desaturate by 10%, it is $43, 13.866, 328.036$.

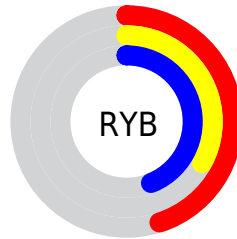
Distribution



Red (45%)

Green (33%)

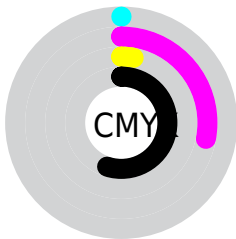
Blue (44%)



Red (45%)

Yellow (33%)

Blue (44%)

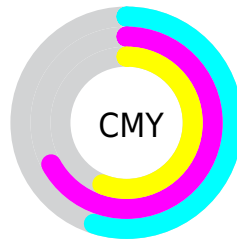


Cyan (0%)

Magenta (28%)

Yellow (3%)

Black (55%)



Cyan (55%)


Magenta (67%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 21.775, 328.597 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 40, 21.775, 328.597 by changing the saturation by 10% instead.


 40, 21.775,
328.597


 40, 21.775,
328.597


 100, 21.775,
328.597


 30, 21.775,
328.597

 60, 21.775,
328.597


 20, 21.775,
328.597

 70, 21.775,
328.597

 10, 21.775,
328.597

 80, 21.775,
328.597

 0, 21.775, 328.597

 90, 21.775,
328.597

 40, 21.775,

 40, 21.775,

328.597

37, 29.527,
329.154

34, 36.928,
329.698

32, 43.722,
330.223

30, 49.618,
330.723

28, 54.323,
331.195

27, 57.611,
331.642

26, 59.705,
332.072

26, 60.203,
332.173

328.597

43, 13.866,
328.036

46, 5.950, 327.465

50, 1.876, 147.056

53, 9.548, 146.450

56, 17.029,
145.936

60, 24.299,
145.449

63, 31.353,
144.987

67, 38.192,
144.550

70, 44.823,

Harmonies

Complementary

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



40, 21.775, 328.597



46, 21.747, 145.254

Rectangle

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



40, 21.775, 328.597



40, 21.775, 18.597



40, 21.775, 148.597



40, 21.775, 198.597

Sweetspot

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



40, 21.773, 328.597



59, 7.772, 327.502



37, 19.850, 296.123



30, 5.571, 327.576



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



40, 21.773, 328.597



49, 32.162, 328.946



39, 15.764, 350.995



23, 4.461, 327.551



28, 62.528, 332.198



58, 105.595, 332.441

Inverse Universe

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



40, 21.773, 328.597



49, 32.162, 328.946



46, 15.023, 165.910



23, 4.461, 327.551



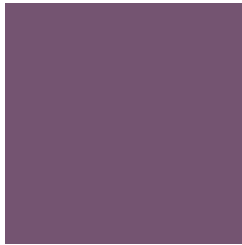
28, 62.528, 332.198



58, 105.595, 332.441

Previews

White Background



This preview shows how the CIELCh color 40, 21.775, 328.597 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 × Fail

Black Background



This preview shows how the CIELCh color 40, 21.775, 328.597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

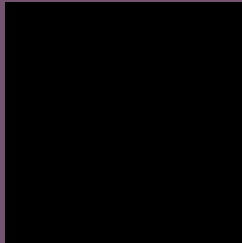
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 21.775, 328.597

Background



This preview shows how black text looks on a background with the CIELCh color 40, 21.775, 328.597.



This preview shows how white text looks on a background with the CIELCh color 40, 21.775, 328.597.

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

40, 21.775, 328.597

Protanopia

40, 15.927, 284.580

Deuteranopia

40, 11.687, 297.682



Tritanopia
40, 11.753, 3.170

Trichromacy



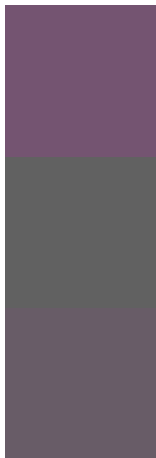
Original Color
40, 21.775, 328.597

Protanomaly
40, 16.844, 303.090

Deuteranomaly
40, 15.168, 313.604

Tritanomaly
40, 14.472, 345.710

Monochromacy



Original Color
40, 21.775, 328.597

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 8.356, 327.371

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 21.775, 328.597 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(116, 84, 113)` looks like.

```
.text, #text, p{  
    color:rgb(116, 84, 113)  
}
```

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(116, 84, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 84, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 21.775, 328.597 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(116, 84, 113) }
```

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

```
.border{ border-color:rgb(116, 84, 113) }
```

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

Here you see how a box with a 4 pixel rgb(116, 84, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 84, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 84, 113);  
box-shadow:4px 4px 4px 4px rgb(116, 84,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 21.775, 328.597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 84, 113) }
```

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

```
.background{ background-color: rgb(116, 84,  
113) }
```

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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