

Converting Colors

CIELCh(40, 45.214, 332.000)

Have a look what the booklet for
CIELCh(40, 45.214, 332.000)
contains.

CIELCh(40, 45.527, 331.951)	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(40, 45.527, 331.951)

Conversions

Conversions Part 1

Format	Color
Hex	8D4382
RGB	141, 67, 130
RGB Percent	55%, 26%, 51%
CMY	0.4477, 0.7379, 0.4908
CMYK	0.00, 0.53, 0.08, 0.45
HSL	309°, 36%, 41%
HSV	309°, 53%, 55%
XYZ	16.9721, 11.2510, 22.3394
YIQ	96.3080, 23.8810, 35.2810

Conversions

Conversions Part 2

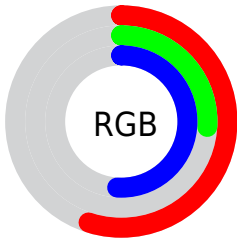
Format	Color
RYB	141, 67, 130
Decimal	9257858
CIELab	40.00, 40.18, -21.41
CIELCh	40, 45.527, 331.951
Yxy	11.2510, 0.3357, 0.2225
Android (android.graphics.Color)	4287447938 (0xFF8D4382)
YUV	96.3080, 16.6102, 39.1949
Hunter-Lab	33.5425, 31.6198, -16.0076

Details

The CIELCh color $40, 45.527, 331.951$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $53, 45.782, 144.317$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 45.496, 331.876$, and $20, 45.435, 331.940$ is the 20% darker color. If you saturate the color by 10%, you get $37, 52.628, 332.569$, and if you desaturate by 10%, it is $43, 37.519, 331.334$.

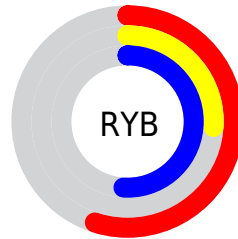
Distribution



Red (55%)

Green (26%)

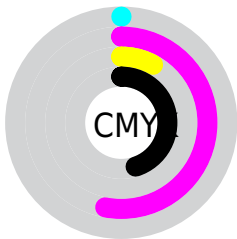
Blue (51%)



Red (55%)

Yellow (26%)

Blue (51%)

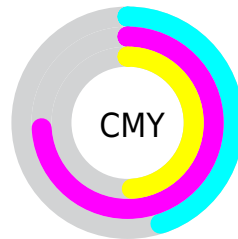


Cyan (0%)

Magenta (53%)

Yellow (8%)

Black (45%)



Cyan (45%)


Magenta (74%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 45.527, 331.951 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, 45.527, 331.951 by changing the saturation by 10% instead.


 40, 45.527,
331.951


 40, 45.527,
331.951


 100, 45.527,
331.951


 30, 45.527,
331.951

 60, 45.527,
331.951


 20, 45.527,
331.951

 70, 45.527,
331.951

 10, 45.527,
331.951

 80, 45.527,
331.951

 0, 45.527, 331.951

 90, 45.527,
331.951

 40, 45.527,

 40, 45.527,

331.951

37, 52.628,
332.569

35, 58.461,
333.192

33, 62.699,
333.828

32, 65.157,
334.498

32, 66.306,
335.012

331.951

43, 37.519,
331.334

46, 28.946,
330.719

50, 20.082,
330.108


54, 11.132,
329.503

58, 2.239, 328.841

62, 6.504, 148.416

66, 15.042,
147.857

70, 23.346,
147.336

 74, 31.403,
146.843

Harmonies

Complementary

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



40, 45.527, 331.951



53, 45.782, 144.317

Rectangle

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



40, 45.527, 331.951



40, 45.527, 21.951



40, 45.527, 151.951



40, 45.527, 201.951

Sweetspot

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



40, 45.525, 331.951



67, 17.675, 329.733



33, 46.584, 301.057



34, 11.898, 329.841



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



40, 45.525, 331.951



48, 65.385, 332.682



39, 34.538, 358.048



28, 5.062, 329.299



30, 64.380, 334.982



1, 3.398, 328.794

Inverse Universe

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



40, 45.525, 331.951



48, 65.385, 332.682



53, 30.837, 165.909



28, 5.062, 329.299



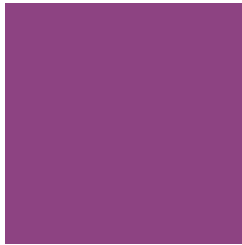
30, 64.380, 334.982



1, 3.398, 328.794

Previews

White Background



This preview shows how the CIELCh color 40, 45.527, 331.951 looks on a white background.

Color Contrast Check

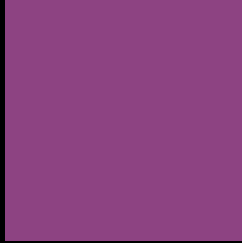
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 40, 45.527, 331.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

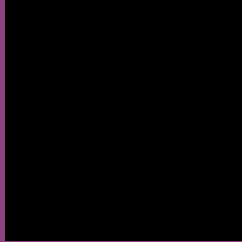
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 45.527, 331.951

Background



This preview shows how black text looks on a background with the CIELCh color 40, 45.527, 331.951.



This preview shows how white text looks on a background with the CIELCh color 40, 45.527, 331.951.

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, 45.527, 331.951

Protanopia

40, 35.465, 285.614

Deuteranopia

40, 19.560, 286.787



Tritanopia
40, 26.119, 15.768

Trichromacy



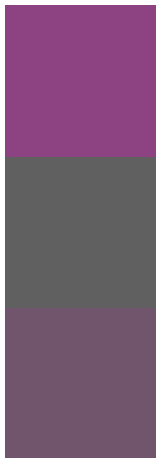
Original Color
40, 45.527, 331.951

Protanomaly
39, 37.144, 303.191

Deuteranomaly
39, 28.432, 312.190

Tritanomaly
40, 30.778, 353.209

Monochromacy



Original Color
40, 45.527, 331.951

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 17.811, 330.156

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 45.527, 331.951 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(141, 67, 130)` looks like.

```
.text, #text, p{  
    color:rgb(141, 67, 130)  
}
```

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(141, 67, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 67, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 45.527, 331.951 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(141, 67, 130) }
```

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

```
.border{ border-color:rgb(141, 67, 130) }
```

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

Here you see how a box with a 4 pixel rgb(141, 67, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 67, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 67, 130);  
box-shadow:4px 4px 4px 4px rgb(141, 67,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 45.527, 331.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 67, 130) }
```

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

```
.background{ background-color: rgb(141, 67,  
130) }
```

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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