

Converting Colors

CIELCh(45, 44.211, 341.565)

Have a look what the booklet for
CIELCh(45, 44.211, 341.565)
contains.

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Color

CIELCh(45, 44.189, 341.531)

Conversions

Conversions Part 1

Format	Color
Hex	A24D83
RGB	162, 77, 131
RGB Percent	64%, 30%, 51%
CMY	0.3660, 0.6992, 0.4875
CMYK	0.00, 0.53, 0.19, 0.37
HSL	322°, 36%, 47%
HSV	322°, 53%, 63%
XYZ	21.5408, 14.5417, 23.0347
YIQ	108.5710, 33.3260, 34.8140

Conversions

Conversions Part 2

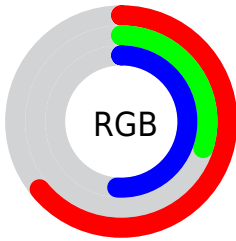
Format	Color
RYB	162, 77, 131
Decimal	10636675
CIELab	45.00, 41.91, -14.00
CIElCh	45, 44.189, 341.531
Yxy	14.5417, 0.3644, 0.2460
Android (android.graphics.Color)	4288826755 (0xFFA24D83)
YUV	108.5710, 11.0575, 46.8572
Hunter-Lab	38.1336, 34.0968, -9.1208

Details

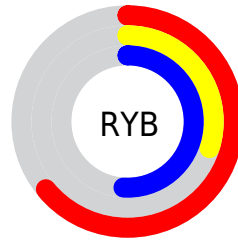
The CIELCh color $45, 44.189, 341.531$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $60, 43.417, 151.896$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $65, 44.271, 341.652$, and $25, 44.195, 341.358$ is the 20% darker color. If you saturate the color by 10%, you get $42, 51.122, 342.725$, and if you desaturate by 10%, it is $49, 36.348, 340.486$.

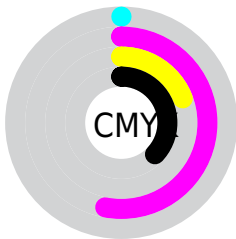
Distribution



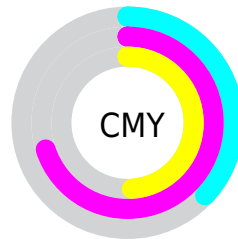
- Red (64%)
- Green (30%)
- Blue (51%)



- Red (64%)
- Yellow (30%)
- Blue (51%)



- Cyan (0%)
- Magenta (53%)
- Yellow (19%)
- Black (37%)





- Cyan (37%)
- Magenta (70%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 44.189, 341.531 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 45, 44.189, 341.531 by changing the saturation by 10% instead.


 45, 44.189,
341.531


 45, 44.189,
341.531


 100, 44.189,
341.531


 35, 44.189,
341.531

 65, 44.189,
341.531


 25, 44.189,
341.531

 75, 44.189,
341.531

 15, 44.189,
341.531

 85, 44.189,
341.531

 5, 44.189, 341.531

 95, 44.189,
341.531

 0, 44.189, 341.531

 45, 44.189,

 45, 44.189,

341.531

42, 51.122,
342.725

39, 56.736,
344.123

37, 60.653,
345.806

36, 62.664,
347.873

35, 63.345,
349.616

341.531

49, 36.348,
340.486

52, 27.977,
339.548

57, 19.364,
338.693

61, 10.715,
337.896

65, 2.166, 337.057

70, 6.199, 156.570

74, 14.336,
155.909

79, 22.223,
155.309

■ 84, 29.858,
154.750

Harmonies

Complementary

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



45, 44.189, 341.531



60, 43.417, 151.896

Rectangle

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



45, 44.189, 341.531



45, 44.189, 31.531



45, 44.189, 161.531



45, 44.189, 211.531

Sweetspot

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



45, 44.187, 341.532



75, 16.879, 338.189



40, 52.423, 307.196



38, 11.386, 338.340



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



45, 44.187, 341.532



53, 63.104, 342.934



44, 37.613, 14.380



32, 4.850, 337.642



31, 58.694, 349.356



1, 7.186, 339.667

Inverse Universe

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



45, 44.187, 341.532



53, 63.104, 342.934



61, 28.924, 182.418



32, 4.850, 337.642



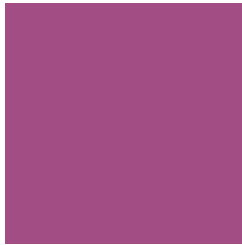
31, 58.694, 349.356



1, 7.186, 339.667

Previews

White Background



This preview shows how the CIELCh color 45, 44.189, 341.531 looks on a white background.

Color Contrast Check

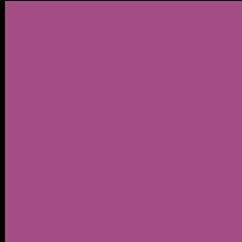
Large Text (above 18pt) WCAG AA ✓ Pass

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 45, 44.189, 341.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

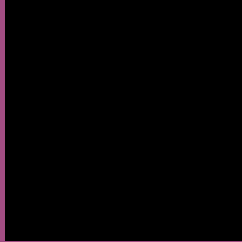
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 44.189, 341.531

Background



This preview shows how black text looks on a background with the CIELCh color 45, 44.189, 341.531.



This preview shows how white text looks on a background with the CIELCh color 45, 44.189, 341.531.

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

45, 44.189, 341.531

Protanopia

45, 27.558, 284.965

Deuteranopia

45, 12.610, 297.116



Tritanopia
45, 32.366, 18.139

Trichromacy



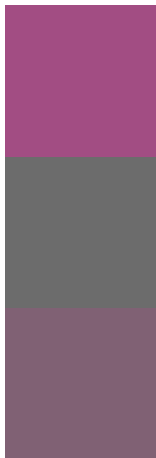
Original Color
45, 44.189, 341.531

Protanomaly
44, 30.599, 309.688

Deuteranomaly
45, 23.515, 325.785

Tritanomaly
45, 34.524, 2.264

Monochromacy



Original Color
45, 44.189, 341.531

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 16.922, 339.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 44.189, 341.531 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(162, 77, 131)` looks like.

```
.text, #text, p{  
    color:rgb(162, 77, 131)  
}
```

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(162, 77, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 77, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 44.189, 341.531 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(162, 77, 131) }
```

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

```
.border{ border-color:rgb(162, 77, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 77, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 77, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 77, 131);  
box-shadow:4px 4px 4px 4px rgb(162, 77,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 44.189, 341.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 77, 131) }
```

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

```
.background{ background-color: rgb(162, 77,  
131) }
```

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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