

Converting Colors

CIELCh(44, 85.382, 333.165)

Have a look what the booklet for
CIELCh(44, 85.382, 333.165)
contains.

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Color

CIELCh(44, 85.275, 332.932)

Conversions

Conversions Part 1

Format	Color
Hex	BE00AA
RGB	190, 0, 170
RGB Percent	75%, 0%, 67%
CMY	0.2551, 1.0000, 0.3335
CMYK	0.00, 1.00, 0.11, 0.26
HSL	306°, 100%, 37%
HSV	306°, 100%, 74%
XYZ	28.4729, 13.8382, 39.1787
YIQ	76.1900, 58.6700, 93.1500

Conversions

Conversions Part 2

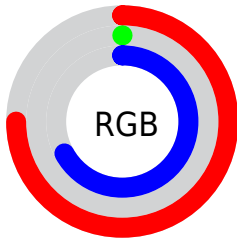
Format	Color
R_{YB}	190, 0, 170
Decimal	12452010
CIE _{Lab}	44.00, 75.93, -38.80
CIE _{LCh}	44, 85.275, 332.932
Yxy	13.8382, 0.3494, 0.1698
Android (android.graphics.Color)	4290642090 (0xFFBE00AA)
YUV	76.1900, 46.2483, 99.8114
Hunter-Lab	37.1997, 71.5255, -36.4042

Details

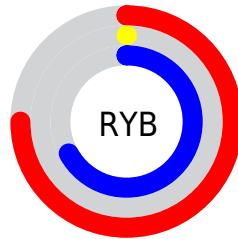
The CIELCh color **44, 85.275, 332.932** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **67, 93.830, 136.952**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 85.359, 332.858**, and **30, 64.999, 333.186** is the 20% darker color. If you saturate the color by 10%, you get **44, 85.259, 332.932**, and if you desaturate by 10%, it is **45, 83.749, 332.431**.

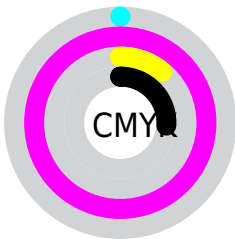
Distribution



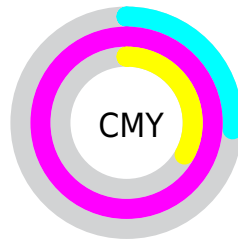
- Red (75%)
- Green (0%)
- Blue (67%)



- Red (75%)
- Yellow (0%)
- Blue (67%)



- Cyan (0%)
- Magenta (100%)
- Yellow (11%)
- Black (26%)




- Cyan (26%)
- Magenta (100%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 85.275, 332.932 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 44, 85.275, 332.932 by changing the saturation by 10% instead.


 44, 85.275,
332.932


 44, 85.275,
332.932


 100, 85.275,
332.932


 34, 85.275,
332.932

 64, 85.275,
332.932


 24, 85.275,
332.932

 74, 85.275,
332.932

 14, 85.275,
332.932

 84, 85.275,
332.932

 4, 85.275, 332.932

 94, 85.275,
332.932

 0, 85.275, 332.932

 44, 85.275,

 44, 85.275,

332.932

■ 44, 85.259,
332.932

332.932

■ 45, 83.749,
332.431

■ 46, 80.276,
331.931

■ 48, 74.479,
331.420

■ 51, 66.613,
330.888

■ 54, 57.114,
330.333

■ 58, 46.470,
329.759

■ 63, 35.125,
329.172

■ 67, 23.436,
328.579

■ 72, 11.670,
327.983

Harmonies

Complementary

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



44, 85.275, 332.932



67, 93.830, 136.952

Rectangle

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



44, 85.275, 332.932



44, 85.275, 22.932



44, 85.275, 152.932



44, 85.275, 202.932

Sweetspot

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



44, 85.259, 332.932



80, 43.517, 329.200



23, 106.678, 306.609



40, 29.856, 329.452



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



44, 85.259, 332.932



57, 103.826, 333.018



40, 67.977, 11.782



37, 6.576, 327.944



36, 74.514, 332.861



3, 19.369, 329.506

Inverse Universe

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



44, 85.259, 332.932



57, 103.826, 333.018



68, 63.985, 154.727



37, 6.576, 327.944



36, 74.514, 332.861



3, 19.369, 329.506

Previews

White Background



This preview shows how the CIELCh color 44, 85.275, 332.932 looks on a white background.

Color Contrast Check

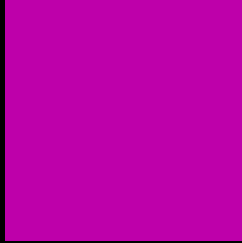
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 85.275, 332.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

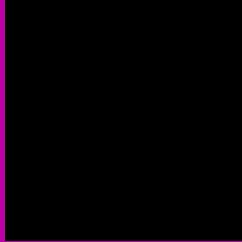
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 44, 85.275, 332.932

Background



This preview shows how black text looks on a background with the CIELCh color 44, 85.275, 332.932.



This preview shows how white text looks on a background with the CIELCh color 44, 85.275, 332.932.

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

44, 85.275, 332.932

Protanopia

45, 68.590, 287.367

Deuteranopia

45, 32.642, 281.580



Tritanopia
45, 51.617, 25.724

Trichromacy



Original Color
44, 85.275, 332.932



Protanomaly
36, 81.760, 301.702



Deuteranomaly
39, 60.275, 313.689



Tritanomaly
43, 59.752, 357.640

Monochromacy



Original Color
44, 85.275, 332.932



Achromatopsia
32, 0.005, 296.813



Achromatomaly
32, 44.676, 330.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 85.275, 332.932 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(190, 0, 170)` looks like.

```
.text, #text, p{  
    color:rgb(190, 0, 170)  
}
```

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(190, 0, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 0, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 85.275, 332.932 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(190, 0, 170) }
```

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

```
.border{ border-color:rgb(190, 0, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 0, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 0, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 0, 170);  
box-shadow:4px 4px 4px 4px rgb(190, 0,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 85.275, 332.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 0, 170) }
```

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

```
.background{ background-color: rgb(190, 0,  
170) }
```

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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