

Converting Colors

CIELCh(53, 93.108, 336.768)

Have a look what the booklet for
CIELCh(53, 93.108, 336.768)
contains.

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Color

CIELCh(53, 92.941, 336.956)

Conversions

Conversions Part 1

Format	Color
Hex	E807BF
RGB	232, 7, 191
RGB Percent	91%, 3%, 75%
CMY	0.0908, 0.9709, 0.2515
CMYK	0.00, 0.97, 0.18, 0.09
HSL	311°, 94%, 47%
HSV	311°, 97%, 91%
XYZ	42.6988, 21.0462, 51.0237
YIQ	95.2510, 75.0360, 104.9240

Conversions

Conversions Part 2

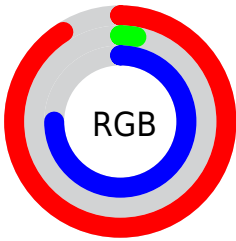
Format	Color
RYB	232, 7, 191
Decimal	15206335
CIELab	53.00, 85.52, -36.38
CIELCh	53, 92.941, 336.956
Yxy	21.0462, 0.3720, 0.1834
Android (android.graphics.Color)	4293396415 (0xFFE807BF)
YUV	95.2510, 47.2043, 119.9289
Hunter-Lab	45.8761, 85.8541, -33.8294

Details

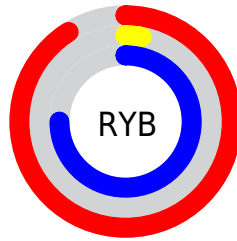
The CIELCh color **53, 92.941, 336.956** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed rose. A complement of this color would be **81, 104.816, 138.405**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 89.089, 328.925**, and **39, 73.478, 338.017** is the 20% darker color. If you saturate the color by 10%, you get **53, 93.107, 337.273**, and if you desaturate by 10%, it is **54, 91.424, 336.016**.

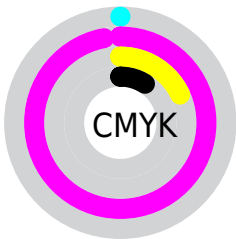
Distribution



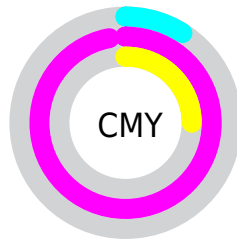
- Red (91%)
- Green (3%)
- Blue (75%)



- Red (91%)
- Yellow (3%)
- Blue (75%)



- Cyan (0%)
- Magenta (97%)
- Yellow (18%)
- Black (9%)





- Cyan (9%)
- Magenta (97%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 92.941, 336.956 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 53, 92.941, 336.956 by changing the saturation by 10% instead.


 53, 92.941,
336.956


 53, 92.941,
336.956


 100, 92.941,
336.956


 43, 92.941,
336.956


 73, 92.941,
336.956

 33, 92.941,
336.956

 83, 92.941,
336.956

 23, 92.941,
336.956

 93, 92.941,
336.956

 13, 92.941,
336.956

 3, 92.941, 336.956

 0, 92.941, 336.956

■ 53, 92.941,
336.956

■ 53, 92.941,
336.956

■ 53, 93.107,
337.273

■ 54, 91.424,
336.016

■ 56, 87.186,
335.177

■ 59, 80.242,
334.407

■ 62, 70.987,
333.677

■ 67, 59.989,
332.973

■ 71, 47.830,
332.287

■ 77, 35.011,
331.616

■ 82, 21.917,

330.960

■ 88, 8.822, 330.307

Harmonies

Complementary

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



53, 92.941, 336.956



81, 104.816, 138.405

Rectangle

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



53, 92.941, 336.956



53, 92.941, 26.956



53, 92.941, 156.956



53, 92.941, 206.956

Sweetspot

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



53, 92.938, 336.956



82, 40.900, 331.772



31, 121.682, 306.843



41, 28.008, 332.059



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 92.938, 336.956



58, 99.984, 337.330



49, 79.600, 17.218



45, 7.319, 330.482



41, 76.739, 337.090



8, 32.893, 335.489

Inverse Universe

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



53, 92.938, 336.956



58, 99.984, 337.330



82, 67.840, 159.659



45, 7.319, 330.482



41, 76.739, 337.090



8, 32.893, 335.489

Previews

White Background



This preview shows how the CIELCh color 53, 92.941, 336.956 looks on a white background.

Color Contrast Check

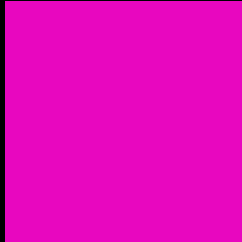
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 53, 92.941, 336.956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

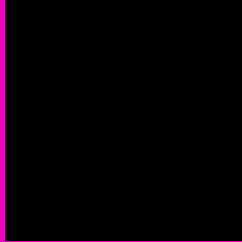
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 92.941, 336.956

Background



This preview shows how black text looks on a background with the CIELCh color 53, 92.941, 336.956.



This preview shows how white text looks on a background with the CIELCh color 53, 92.941, 336.956.

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

53, 93.020, 336.952

Protanopia

54, 76.043, 287.958

Deuteranopia

53, 30.833, 284.325



Tritanopia
53, 64.427, 27.042

Trichromacy



Original Color
53, 93.020, 336.952



Protanomaly
46, 88.154, 304.374



Deuteranomaly
48, 61.803, 318.257



Tritanomaly
52, 70.043, 2.834

Monochromacy



Original Color
53, 93.020, 336.952



Achromatopsia
40, 0.006, 296.813



Achromatomaly
40, 48.527, 333.539

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 92.941, 336.956 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(232, 7, 191)` looks like.

```
.text, #text, p{  
    color:rgb(232, 7, 191)  
}
```

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(232, 7, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 7, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 92.941, 336.956 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(232, 7, 191) }
```

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

```
.border{ border-color:rgb(232, 7, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 7, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 7, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 7, 191);  
box-shadow:4px 4px 4px 4px rgb(232, 7,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 92.941, 336.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 7, 191) }
```

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

```
.background{ background-color: rgb(232, 7,  
191) }
```

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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