

Converting Colors

CIELCh(39, 65.943, 9.301)

Have a look what the booklet for
CIELCh(39, 65.943, 9.301) contains.

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Color

CIELCh(39, 65.874, 9.082)

Conversions

Conversions Part 1

Format	Color
Hex	B7014E
RGB	183, 1, 78
RGB Percent	72%, 0%, 31%
CMY	0.2815, 0.9976, 0.6935
CMYK	0.00, 1.00, 0.57, 0.28
HSL	335°, 99%, 36%
HSV	335°, 100%, 72%
XYZ	20.9679, 10.6589, 8.1913
YIQ	64.1960, 83.7550, 62.5310

Conversions

Conversions Part 2

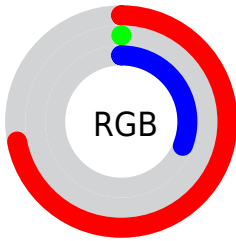
Format	Color
RYB	183, 1, 78
Decimal	11993422
CIELab	39.00, 65.05, 10.40
CIELCh	39, 65.874, 9.082
Yxy	10.6589, 0.5266, 0.2677
Android (android.graphics.Color)	4290183502 (0xFFB7014E)
YUV	64.1960, 6.8054, 104.1911
Hunter-Lab	32.6480, 57.5058, 7.9779

Details

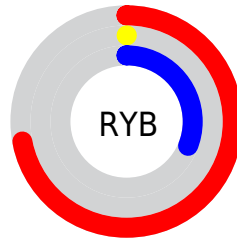
The CIELCh color **39, 65.874, 9.082** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **66, 63.890, 153.346**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **59, 65.976, 8.915**, and **25, 50.899, 20.291** is the 20% darker color. If you saturate the color by 10%, you get **39, 65.941, 9.231**, and if you desaturate by 10%, it is **40, 63.802, 4.606**.

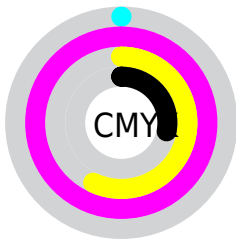
Distribution



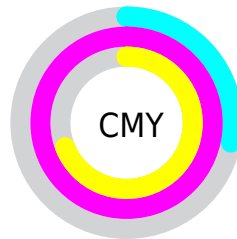
- Red (72%)
- Green (0%)
- Blue (31%)



- Red (72%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (28%)



- Cyan (28%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 65.874, 9.082 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 39, 65.874, 9.082 by changing the saturation by 10% instead.

 39, 65.874, 9.082  39, 65.874, 9.082

 100, 65.874, 9.082  29, 65.874, 9.082

 59, 65.874, 9.082  19, 65.874, 9.082

 69, 65.874, 9.082  9, 65.874, 9.082

 79, 65.874, 9.082  0, 65.874, 9.082

 89, 65.874, 9.082

 99, 65.874, 9.082

 39, 65.874, 9.082  39, 65.874, 9.082

 39, 65.941, 9.231  40, 63.802, 4.606

 42, 60.457, 0.882

■ 44, 55.446,
357.940

■ 47, 48.982,
355.608

■ 51, 41.456,
353.729

■ 55, 33.283,
352.179

■ 60, 24.811,
350.869

■ 65, 16.297,
349.735

■ 70, 7.907, 348.720

Harmonies

Complementary

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



39, 65.874, 9.082



66, 63.890, 153.346

Rectangle

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



39, 65.874, 9.082



39, 65.874, 59.082



39, 65.874, 189.082



39, 65.874, 239.082

Sweetspot

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



39, 65.871, 9.084



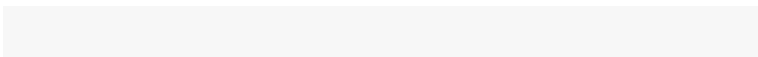
76, 30.953, 350.970



30, 95.826, 313.543



38, 21.332, 351.502



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



39, 65.871, 9.084



51, 80.089, 10.150



39, 80.445, 40.621



36, 4.637, 348.687



33, 58.398, 8.532



2, 11.749, 355.047

Inverse Universe

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



39, 65.871, 9.084



51, 80.089, 10.150



64, 35.890, 207.685



36, 4.637, 348.687



33, 58.398, 8.532



2, 11.749, 355.047

Previews

White Background



This preview shows how the CIELCh color 39, 65.874, 9.082 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 39, 65.874, 9.082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

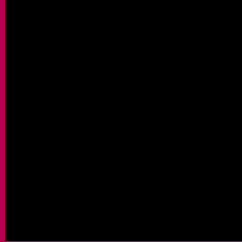
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 65.874, 9.082

Background



This preview shows how black text looks on a background with the CIELCh color 39, 65.874, 9.082.



This preview shows how white text looks on a background with the CIELCh color 39, 65.874, 9.082.

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


39, 65.774, 9.142

Protanopia

40, 12.244, 284.875

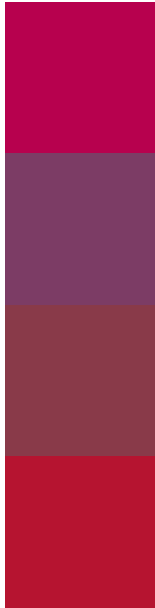
Deuteranopia

40, 15.928, 72.315



Tritanopia
39, 70.216, 35.056

Trichromacy



Original Color
39, 65.774, 9.142

Protanomaly
35, 35.195, 341.030

Deuteranomaly
36, 36.052, 12.369

Tritanomaly
39, 67.485, 25.915

Monochromacy



Original Color
39, 65.774, 9.142

Achromatopsia
27, 0.004, 296.813

Achromatomaly
27, 32.668, 355.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 65.874, 9.082 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(183, 1, 78)` looks like.

```
.text, #text, p{  
    color:rgb(183, 1, 78)  
}
```

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(183, 1, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 1, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 65.874, 9.082 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(183, 1, 78) }
```

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

```
.border{ border-color:rgb(183, 1, 78) }
```

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

Here you see how a box with a 4 pixel rgb(183, 1, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 1, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 1, 78);  
box-shadow:4px 4px 4px 4px rgb(183, 1, 78)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 65.874, 9.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 1, 78) }
```

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

```
.background{ background-color: rgb(183, 1,  
78) }
```

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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