

Converting Colors

CIELCh(44, 58.043, 348.482)

Have a look what the booklet for
CIELCh(44, 58.043, 348.482)
contains.

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Color

CIELCh(44, 58.031, 348.266)

Conversions

Conversions Part 1

Format	Color
Hex	B4367D
RGB	180, 54, 125
RGB Percent	71%, 21%, 49%
CMY	0.2939, 0.7879, 0.5096
CMYK	0.00, 0.70, 0.31, 0.29
HSL	326°, 54%, 46%
HSV	326°, 70%, 71%
XYZ	23.8657, 13.8382, 20.8349
YIQ	99.7680, 52.3050, 48.7930

Conversions

Conversions Part 2

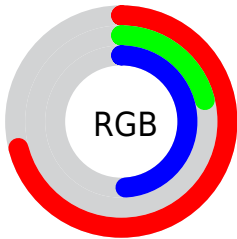
Format	Color
R_{YB}	180, 54, 125
Decimal	11810429
CIE _{Lab}	44.00, 56.82, -11.80
CIE _{LCh}	44, 58.031, 348.266
Yxy	13.8382, 0.4077, 0.2364
Android (android.graphics.Color)	4290000509 (0xFFB4367D)
YUV	99.7680, 12.4394, 70.3635
Hunter-Lab	37.1997, 49.4182, -7.1675

Details

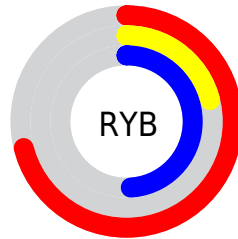
The CIELCh color **44, 58.031, 348.266** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **65, 56.977, 152.257**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 58.224, 348.020**, and **26, 51.702, 350.284** is the 20% darker color. If you saturate the color by 10%, you get **42, 62.645, 350.333**, and if you desaturate by 10%, it is **47, 51.709, 346.587**.

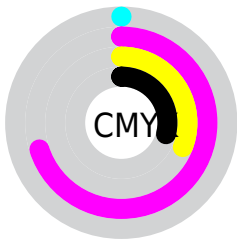
Distribution



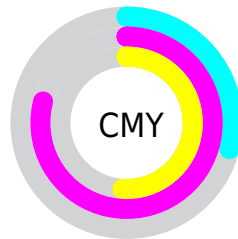
- Red (71%)
- Green (21%)
- Blue (49%)



- Red (71%)
- Yellow (21%)
- Blue (49%)



- Cyan (0%)
- Magenta (70%)
- Yellow (31%)
- Black (29%)



- Cyan (29%)
- Magenta (79%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 58.031, 348.266 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, 58.031, 348.266 by changing the saturation by 10% instead.


 44, 58.031,
348.266

 44, 58.031,
348.266

 100, 58.031,
348.266

 34, 58.031,
348.266

 64, 58.031,
348.266

 24, 58.031,
348.266

 74, 58.031,
348.266

 14, 58.031,
348.266

 84, 58.031,
348.266

 4, 58.031, 348.266

 94, 58.031,
348.266

 0, 58.031, 348.266

 44, 58.031,

 44, 58.031,

348.266

42, 62.645,
350.333

40, 65.293,
352.918

39, 66.350,
356.040

39, 66.354,
356.049

348.266

47, 51.709,
346.587

51, 44.116,
345.186

55, 35.696,
343.986

59, 26.829,
342.933

64, 17.802,
341.990

68, 8.811, 341.122

73, 0.022, 177.054

78, 8.621, 159.713

83, 16.956,

Harmonies

Complementary

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



44, 58.031, 348.266



65, 56.977, 152.257

Rectangle

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



44, 58.031, 348.266



44, 58.031, 38.266



44, 58.031, 168.266



44, 58.031, 218.266

Sweetspot

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



44, 58.028, 348.267



80, 23.234, 342.116



36, 76.199, 310.627



41, 15.736, 342.366



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



44, 58.028, 348.267



53, 78.437, 351.673



42, 56.691, 25.689



35, 4.967, 341.066



33, 58.957, 355.556



2, 11.025, 346.316

Inverse Universe

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



44, 58.028, 348.267



53, 78.437, 351.673



67, 35.992, 189.047



35, 4.967, 341.066



33, 58.957, 355.556



2, 11.025, 346.316

Previews

White Background



This preview shows how the CIELCh color 44, 58.031, 348.266 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, 58.031, 348.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

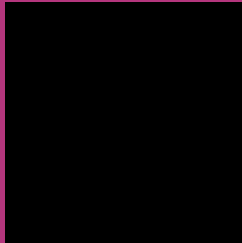
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 58.031, 348.266

Background



This preview shows how black text looks on a background with the CIELCh color 44, 58.031, 348.266.



This preview shows how white text looks on a background with the CIELCh color 44, 58.031, 348.266.

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





Tritanopia
44, 48.988, 25.093

Trichromacy



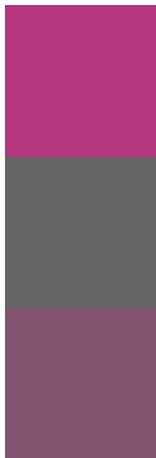
Original Color
44, 58.031, 348.266

Protanomaly
42, 39.343, 313.188

Deuteranomaly
43, 29.020, 336.062

Tritanomaly
44, 49.346, 10.242

Monochromacy



Original Color
44, 58.031, 348.266

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 24.334, 343.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 58.031, 348.266 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(180, 54, 125)` looks like.

```
.text, #text, p{  
    color:rgb(180, 54, 125)  
}
```

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(180, 54, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 54, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 58.031, 348.266 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(180, 54, 125) }
```

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

```
.border{ border-color:rgb(180, 54, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 54, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 54, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 54, 125);  
box-shadow:4px 4px 4px 4px rgb(180, 54,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 58.031, 348.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 54, 125) }
```

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

```
.background{ background-color: rgb(180, 54,  
125) }
```

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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