

Converting Colors

CIELCh(44, 54.791, 359.537)

Have a look what the booklet for
CIELCh(44, 54.791, 359.537)
contains.

CIELCh(44, 54.596, 359.319)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(44, 54.596, 359.319)

Conversions

Conversions Part 1

Format	Color
Hex	B6386B
RGB	182, 56, 107
RGB Percent	71%, 22%, 42%
CMY	0.2862, 0.7803, 0.5803
CMYK	0.00, 0.69, 0.41, 0.29
HSL	336°, 53%, 47%
HSV	336°, 69%, 71%
XYZ	23.3640, 13.8382, 15.3528
YIQ	99.4880, 58.7250, 42.5730

Conversions

Conversions Part 2

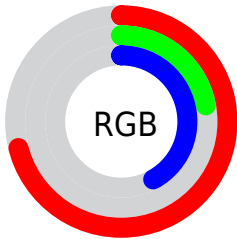
Format	Color
R_{YB}	182, 56, 107
Decimal	11941995
CIE _{Lab}	44.00, 54.59, -0.65
CIE _{LCh}	44, 54.596, 359.319
Yxy	13.8382, 0.4446, 0.2633
Android (android.graphics.Color)	4290132075 (0xFFB6386B)
YUV	99.4880, 3.7034, 72.3630
Hunter-Lab	37.1997, 47.0107, 1.5701

Details

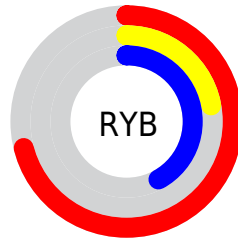
The CIELCh color $44, 54.596, 359.319$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $66, 49.117, 160.759$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 54.489, 359.617$, and $26, 49.698, 1.893$ is the 20% darker color. If you saturate the color by 10%, you get $41, 59.741, 2.347$, and if you desaturate by 10%, it is $47, 48.064, 356.924$.

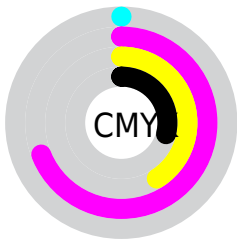
Distribution



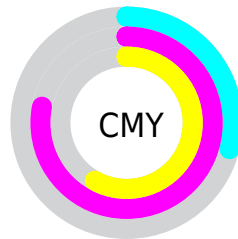
- Red (71%)
- Green (22%)
- Blue (42%)



- Red (71%)
- Yellow (22%)
- Blue (42%)



- Cyan (0%)
- Magenta (69%)
- Yellow (41%)
- Black (29%)





- Cyan (29%)
- Magenta (78%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 54.596, 359.319 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, 54.596, 359.319 by changing the saturation by 10% instead.


 44, 54.596,
359.319


 44, 54.596,
359.319


 100, 54.596,
359.319

 34, 54.596,
359.319

 64, 54.596,
359.319

 24, 54.596,
359.319

 74, 54.596,
359.319

 14, 54.596,
359.319

 84, 54.596,
359.319

 4, 54.596, 359.319

 94, 54.596,
359.319

 0, 54.596, 359.319

 44, 54.596,

 44, 54.596,

359.319

359.319

41, 59.741, 2.347

47, 48.064,
356.924

40, 63.296, 6.176

51, 40.537,
354.997

39, 65.595, 10.790

39, 65.780, 11.151

55, 32.417,
353.413

60, 24.039,
352.077

64, 15.648,
350.925

69, 7.401, 349.895

74, 0.608, 169.737

80, 8.334, 168.313

85, 15.760,

Harmonies

Complementary

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



44, 54.596, 359.319



66, 49.117, 160.759

Rectangle

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



44, 54.596, 359.319



44, 54.596, 49.319



44, 54.596, 179.319



44, 54.596, 229.319

Sweetspot

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



44, 54.593, 359.320



81, 21.253, 351.158



39, 75.768, 314.762



42, 14.546, 351.469



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



44, 54.593, 359.320



53, 75.332, 4.221



45, 55.692, 34.049



36, 4.580, 349.907



33, 58.514, 10.456



2, 11.646, 356.152

Inverse Universe

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



44, 54.593, 359.320



53, 75.332, 4.221



65, 31.794, 207.655



36, 4.580, 349.907



33, 58.514, 10.456



2, 11.646, 356.152

Previews

White Background



This preview shows how the CIELCh color 44, 54.596, 359.319 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, 54.596, 359.319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

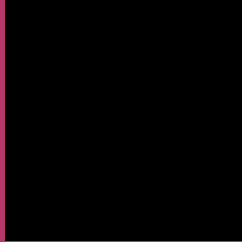
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 44, 54.596, 359.319

Background



This preview shows how black text looks on a background with the CIELCh color 44, 54.596, 359.319.



This preview shows how white text looks on a background with the CIELCh color 44, 54.596, 359.319.

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, 54.596, 359.319

Protanopia

44, 19.266, 284.371

Deuteranopia

44, 6.354, 20.159



Tritanopia
44, 51.771, 25.913

Trichromacy



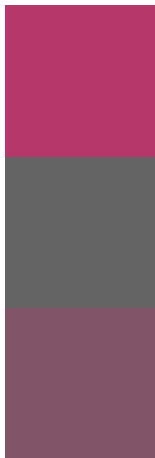
Original Color
44, 54.596, 359.319

Protanomaly
42, 27.555, 327.497

Deuteranomaly
43, 25.373, 358.559

Tritanomaly
44, 51.234, 15.896

Monochromacy



Original Color
44, 54.596, 359.319

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 22.278, 352.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 54.596, 359.319 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(182, 56, 107)` looks like.

```
.text, #text, p{  
    color:rgb(182, 56, 107)  
}
```

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(182, 56, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 56, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 54.596, 359.319 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(182, 56, 107) }
```

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

```
.border{ border-color:rgb(182, 56, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 56, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 56, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 56, 107);  
box-shadow:4px 4px 4px 4px rgb(182, 56,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 54.596, 359.319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 56, 107) }
```

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

```
.background{ background-color: rgb(182, 56,  
107) }
```

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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