

Converting Colors

CIELCh(47, 44.540, 270.615)

Have a look what the booklet for
CIELCh(47, 44.540, 270.615)
contains.

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Color

CIELCh(47, 44.553, 270.744)

Conversions

Conversions Part 1

Format	Color
Hex	1373BA
RGB	19, 115, 186
RGB Percent	7%, 45%, 73%
CMY	0.9259, 0.5479, 0.2694
CMYK	0.90, 0.38, 0.00, 0.27
HSL	205°, 82%, 40%
HSV	205°, 90%, 73%
XYZ	15.3235, 16.0195, 48.9092
YIQ	94.3900, -80.0070, 1.7290

Conversions

Conversions Part 2

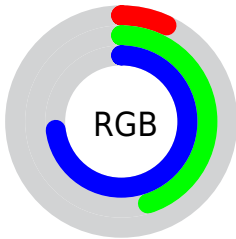
Format	Color
R _Y B	19, 80, 186
Decimal	1274810
CIE Lab	47.00, 0.58, -44.55
CIE LCh	47, 44.553, 270.744
Yxy	16.0195, 0.1909, 0.1996
Android (android.graphics.Color)	4279464890 (0xFF1373BA)
YUV	94.3900, 45.1637, -66.1170
Hunter-Lab	40.0243, -1.7028, -44.4346

Details

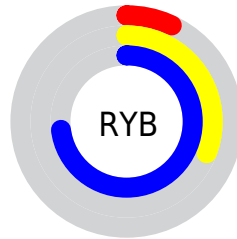
The CIELCh color $47, 44.553, 270.744$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $49, 64.078, 56.850$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 44.524, 270.643$, and $29, 41.821, 281.131$ is the 20% darker color. If you saturate the color by 10%, you get $44, 48.857, 275.537$, and if you desaturate by 10%, it is $50, 40.331, 266.163$.

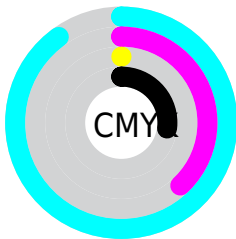
Distribution



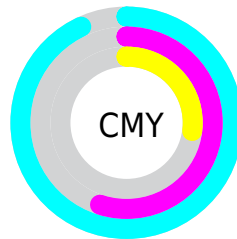
- Red (7%)
- Green (45%)
- Blue (73%)



- Red (7%)
- Yellow (31%)
- Blue (73%)



- Cyan (90%)
- Magenta (38%)
- Yellow (0%)
- Black (27%)



- Cyan (93%)
- Magenta (55%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 44.553, 270.744 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 47, 44.553, 270.744 by changing the saturation by 10% instead.

 47, 44.553,
270.744

 47, 44.553,
270.744

 100, 44.553,
270.744

 37, 44.553,
270.744

 67, 44.553,
270.744

 27, 44.553,
270.744

 77, 44.553,
270.744

 17, 44.553,
270.744

 87, 44.553,
270.744

 7, 44.553, 270.744

 97, 44.553,
270.744

 0, 44.553, 270.744

 47, 44.553,

 47, 44.553,

270.744

■ 44, 48.857,
275.537

■ 44, 48.920,
275.602

270.744

■ 50, 40.331,
266.163

■ 53, 36.030,
262.081

■ 56, 31.550,
258.561

■ 59, 26.834,
255.592

■ 62, 21.865,
253.120

■ 65, 16.657,
251.077

■ 69, 11.239,
249.394

■ 72, 5.649, 248.026

Harmonies

Complementary

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



47, 44.553, 270.744



49, 64.078, 56.850

Rectangle

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



47, 44.553, 270.744



47, 44.553, 320.744



47, 44.553, 90.744



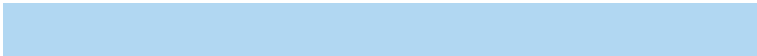
47, 44.553, 140.744

Sweetspot

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



47, 44.552, 270.745



84, 18.712, 250.640



67, 71.435, 147.466



44, 12.644, 251.266



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



47, 44.552, 270.745



57, 60.430, 276.479



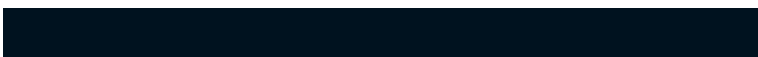
26, 94.424, 303.618



38, 3.283, 247.967



38, 42.867, 274.929



5, 10.713, 261.360

Inverse Universe

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



42, 67.340, 351.978



53, 83.002, 355.665



70, 70.042, 97.908



37, 5.245, 340.463



34, 60.646, 354.579



3, 14.616, 347.120

Previews

White Background



This preview shows how the CIE LCh color 47, 44.553, 270.744 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 47, 44.553, 270.744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

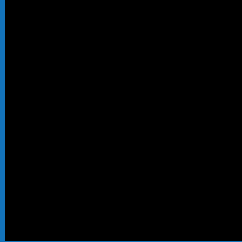
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 44.553, 270.744

Background



This preview shows how black text looks on a background with the CIELCh color 47, 44.553, 270.744.

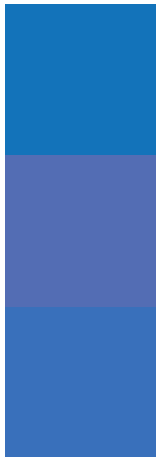


This preview shows how white text looks on a background with the CIELCh color 47, 44.553, 270.744.

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

47, 44.532, 270.818

Protanopia

47, 42.207, 285.632

Deuteranopia

47, 45.373, 278.806



Tritanopia
47, 28.236, 207.659

Trichromacy



Original Color
47, 44.532, 270.818

Protanomaly
47, 43.099, 278.343

Deuteranomaly
47, 45.360, 275.556

Tritanomaly
47, 29.718, 237.617

Monochromacy



Original Color
47, 44.532, 270.818

Achromatopsia
40, 0.006, 296.813

Achromatomaly
42, 19.049, 254.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 44.553, 270.744 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(19, 115, 186)` looks like.

```
.text, #text, p{  
    color:rgb(19, 115, 186)  
}
```

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(19, 115, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 115, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 44.553, 270.744 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(19, 115, 186) }
```

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

```
.border{ border-color:rgb(19, 115, 186) }
```

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

Here you see how a box with a 4 pixel rgb(19, 115, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 115, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 115, 186);  
box-shadow:4px 4px 4px 4px rgb(19, 115,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 44.553, 270.744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 115, 186) }
```

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

```
.background{ background-color: rgb(19, 115,  
186) }
```

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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