

Converting Colors

CIELCh(44, 72.728, 290.264)

Have a look what the booklet for
CIELCh(44, 72.728, 290.264)
contains.

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Color

CIELCh(44, 72.707, 290.253)

Conversions

Conversions Part 1

Format	Color
Hex	1461DB
RGB	20, 97, 219
RGB Percent	8%, 38%, 86%
CMY	0.9201, 0.6193, 0.1408
CMYK	0.91, 0.56, 0.00, 0.14
HSL	217°, 83%, 47%
HSV	217°, 91%, 86%
XYZ	17.3787, 13.8382, 68.8458
YIQ	87.8850, -85.0540, 21.6180

Conversions

Conversions Part 2

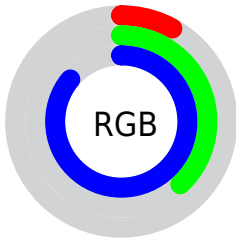
Format	Color
RYB	20, 76, 219
Decimal	1335771
CIELab	44.00, 25.17, -68.21
CIELCh	44, 72.707, 290.253
Yxy	13.8382, 0.1737, 0.1383
Android (android.graphics.Color)	4279525851 (0xFF1461DB)
YUV	87.8850, 64.6397, -59.5351
Hunter-Lab	37.1997, 18.2907, -83.6886

Details

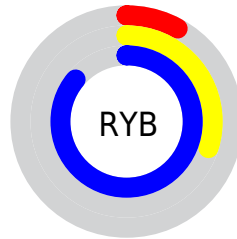
The CIELCh color **44, 72.707, 290.253** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **65, 70.556, 72.779**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 60.569, 287.141**, and **27, 70.868, 297.039** is the 20% darker color. If you saturate the color by 10%, you get **40, 80.847, 293.832**, and if you desaturate by 10%, it is **48, 64.099, 286.335**.

Distribution



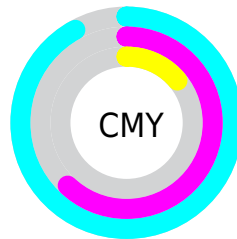
- Red (8%)
- Green (38%)
- Blue (86%)



- Red (8%)
- Yellow (30%)
- Blue (86%)



- Cyan (91%)
- Magenta (56%)
- Yellow (0%)
- Black (14%)



- Cyan (92%)
- Magenta (62%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 72.707, 290.253 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, 72.707, 290.253 by changing the saturation by 10% instead.


 44, 72.707,
290.253


 44, 72.707,
290.253


 100, 72.707,
290.253

 34, 72.707,
290.253

 64, 72.707,
290.253

 24, 72.707,
290.253

 74, 72.707,
290.253

 14, 72.707,
290.253

 84, 72.707,
290.253

 4, 72.707, 290.253

 94, 72.707,
290.253

 0, 72.707, 290.253

 44, 72.707,

 44, 72.707,

290.253

■ 40, 80.847,
293.832

290.253

■ 48, 64.099,
286.335

■ 53, 55.706,
282.626

■ 57, 47.517,
279.265

■ 62, 39.482,
276.309

■ 67, 31.554,
273.758

■ 72, 23.704,
271.579

■ 77, 15.918,
269.726

■ 82, 8.194, 268.159

Harmonies

Complementary

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



44, 72.707, 290.253



65, 70.556, 72.779

Rectangle

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



44, 72.707, 290.253



44, 72.707, 340.253



44, 72.707, 110.253



44, 72.707, 160.253

Sweetspot

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



44, 72.707, 290.255



85, 23.548, 270.902



78, 67.789, 156.596



43, 15.889, 271.574



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 72.707, 290.255



47, 91.492, 294.175



30, 113.692, 306.092



43, 4.350, 267.981



32, 66.759, 293.188



6, 21.285, 282.636

Inverse Universe

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



48, 73.531, 9.018



54, 85.297, 14.200



83, 84.953, 108.747



43, 5.245, 351.097



37, 63.652, 12.754



6, 24.221, 2.069

Previews

White Background



This preview shows how the CIE LCh color 44, 72.707, 290.253 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, 72.707, 290.253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

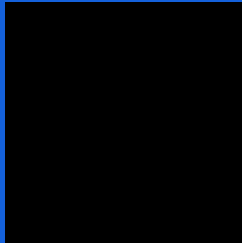
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 72.707, 290.253

Background



This preview shows how black text looks on a background with the CIELCh color 44, 72.707, 290.253.



This preview shows how white text looks on a background with the CIELCh color 44, 72.707, 290.253.

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, 72.707, 290.253

Protanopia

44, 67.704, 287.569

Deuteranopia

44, 47.357, 274.648



Tritanopia
44, 27.004, 205.648

Trichromacy



Original Color
44, 72.707, 290.253

Protanomaly
44, 69.949, 288.754

Deuteranomaly
44, 55.890, 281.618

Tritanomaly
43, 34.359, 258.152

Monochromacy



Original Color
44, 72.707, 290.253

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 28.449, 276.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 72.707, 290.253 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(20, 97, 219)` looks like.

```
.text, #text, p{  
    color:rgb(20, 97, 219)  
}
```

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(20, 97, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 97, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 72.707, 290.253 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(20, 97, 219) }
```

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

```
.border{ border-color:rgb(20, 97, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 97, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(20, 97, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(20, 97, 219); box-shadow:4px 4px 4px 4px rgb(20, 97, 219) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 72.707, 290.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 97, 219) }
```

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

```
.background{ background-color: rgb(20, 97,  
219) }
```

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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