

Converting Colors

CIELCh(43, 44.132, 276.096)

Have a look what the booklet for
CIELCh(43, 44.132, 276.096)
contains.

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Color

CIELCh(43, 44.132, 276.096)

Conversions

Conversions Part 1

Format	Color
Hex	2267AE
RGB	34, 103, 174
RGB Percent	13%, 40%, 68%
CMY	0.8650, 0.5952, 0.3167
CMYK	0.80, 0.41, 0.00, 0.32
HSL	210°, 67%, 41%
HSV	210°, 80%, 68%
XYZ	13.2103, 13.1578, 42.0159
YIQ	90.4630, -63.9150, 7.4530

Conversions

Conversions Part 2

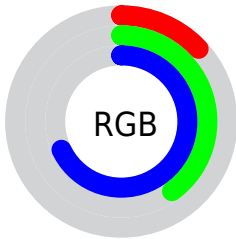
Format	Color
R_YB	34, 80, 174
Decimal	2254766
CIE _{Lab}	43.00, 4.69, -43.88
CIE _{LCh}	43, 44.132, 276.096
Yxy	13.1578, 0.1932, 0.1924
Android (android.graphics.Color)	4280444846 (0xFF2267AE)
YUV	90.4630, 41.1837, -49.5181
Hunter-Lab	36.2736, 1.5280, -43.2842

Details

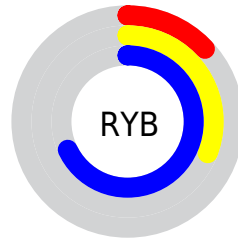
The CIELCh color **43, 44.132, 276.096** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **51, 53.507, 65.736**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 43.963, 275.744**, and **25, 42.443, 285.034** is the 20% darker color. If you saturate the color by 10%, you get **40, 49.505, 280.398**, and if you desaturate by 10%, it is **46, 38.837, 272.162**.

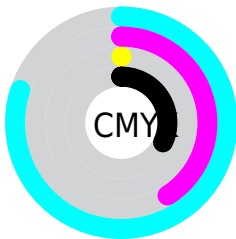
Distribution



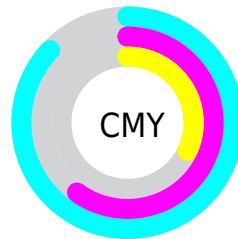
- Red (13%)
- Green (40%)
- Blue (68%)



- Red (13%)
- Yellow (31%)
- Blue (68%)



- Cyan (80%)
- Magenta (41%)
- Yellow (0%)
- Black (32%)



- Cyan (87%)
- Magenta (60%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 44.132, 276.096 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 43, 44.132, 276.096 by changing the saturation by 10% instead.

 43, 44.132,
276.096

 43, 44.132,
276.096


 100, 44.132,
276.096


 33, 44.132,
276.096


 63, 44.132,
276.096

 23, 44.132,
276.096

 73, 44.132,
276.096

 13, 44.132,
276.096

 83, 44.132,
276.096

 3, 44.132, 276.096

 93, 44.132,
276.096

 0, 44.132, 276.096

 43, 44.132,

 43, 44.132,

276.096

■ 40, 49.505,
280.398

■ 37, 54.920,
284.638

276.096

■ 46, 38.837,
272.162

■ 49, 33.541,
268.683

■ 53, 28.187,
265.682

■ 56, 22.744,
263.131

■ 60, 17.205,
260.978

■ 64, 11.580,
259.170

■ 67, 5.887, 257.662

■ 71, 0.146, 258.536

Harmonies

Complementary

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



43, 44.132, 276.096



51, 53.507, 65.736

Rectangle

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



43, 44.132, 276.096



43, 44.132, 326.096



43, 44.132, 96.096



43, 44.132, 146.096

Sweetspot

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



43, 44.131, 276.097



79, 16.984, 259.887



63, 58.020, 153.437



41, 11.738, 260.530



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



43, 44.131, 276.097



50, 65.304, 283.730



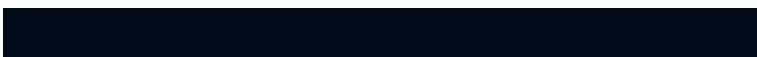
26, 87.022, 303.733



35, 3.242, 257.536



32, 48.714, 284.064



3, 7.431, 265.158

Inverse Universe

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



40, 59.424, 355.644



49, 76.983, 1.718



69, 66.845, 103.423



34, 4.619, 344.806



32, 57.171, 1.993



2, 9.095, 349.233

Previews

White Background



This preview shows how the CIE LCh color 43, 44.132, 276.096 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 43, 44.132, 276.096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

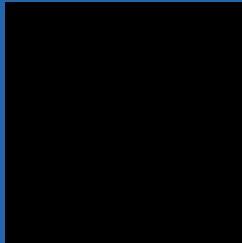
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 44.132, 276.096

Background



This preview shows how black text looks on a background with the CIELCh color 43, 44.132, 276.096.



This preview shows how white text looks on a background with the CIELCh color 43, 44.132, 276.096.

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


43, 44.132, 276.096

Protanopia

43, 42.895, 285.787

Deuteranopia

43, 44.353, 278.460



Tritanopia
43, 26.372, 208.673

Trichromacy



Original Color
43, 44.132, 276.096

Protanomaly
43, 43.307, 281.443

Deuteranomaly
43, 44.455, 277.931

Tritanomaly
43, 27.857, 240.210

Monochromacy



Original Color
43, 44.132, 276.096

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 17.708, 263.464

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 44.132, 276.096 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(34, 103, 174)` looks like.

```
.text, #text, p{  
    color:rgb(34, 103, 174)  
}
```

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(34, 103, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 103, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 44.132, 276.096 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(34, 103, 174) }
```

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

```
.border{ border-color:rgb(34, 103, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 103, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 103, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 103, 174);  
box-shadow:4px 4px 4px 4px rgb(34, 103,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 44.132, 276.096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 103, 174) }
```

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

```
.background{ background-color: rgb(34, 103,  
174) }
```

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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