

Converting Colors

CIELCh(72, 25.004, 225.623)

Have a look what the booklet for
CIELCh(72, 25.004, 225.623)
contains.

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Color

CIELCh(72, 24.943, 225.421)

Conversions

Conversions Part 1

Format	Color
Hex	71BBD0
RGB	113, 187, 208
RGB Percent	44%, 73%, 82%
CMY	0.5565, 0.2663, 0.1839
CMYK	0.46, 0.10, 0.00, 0.18
HSL	193°, 50%, 63%
HSV	193°, 46%, 82%
XYZ	36.0118, 43.6590, 66.2685
YIQ	167.2680, -50.8450, -9.1570

Conversions

Conversions Part 2

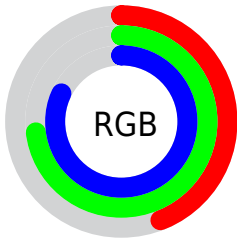
Format	Color
RYB	113, 155, 208
Decimal	7453648
CIELab	72.00, -17.51, -17.77
CIELCh	72, 24.943, 225.421
Yxy	43.6590, 0.2468, 0.2992
Android (android.graphics.Color)	4285643728 (0xFF71BBD0)
YUV	167.2680, 20.0809, -47.5930
Hunter-Lab	66.0750, -18.3461, -13.2112

Details

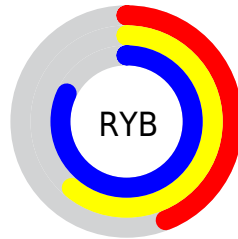
The CIELCh color **72, 24.943, 225.421** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63, 34.778, 41.563**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 23.792, 213.278**, and **52, 24.946, 225.525** is the 20% darker color. If you saturate the color by 10%, you get **70, 28.903, 226.993**, and if you desaturate by 10%, it is **74, 20.338, 224.221**.

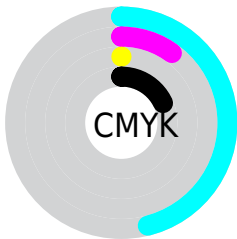
Distribution



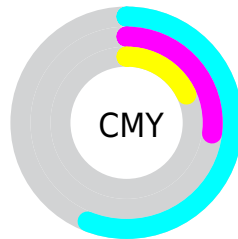
- Red (44%)
- Green (73%)
- Blue (82%)



- Red (44%)
- Yellow (61%)
- Blue (82%)



- Cyan (46%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)





- Cyan (56%)
- Magenta (27%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 24.943, 225.421 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 72, 24.943, 225.421 by changing the saturation by 10% instead.


 72, 24.943,
225.421


 72, 24.943,
225.421


 100, 24.943,
225.421


 62, 24.943,
225.421


 92, 24.943,
225.421

 52, 24.943,
225.421

 42, 24.943,
225.421

 32, 24.943,
225.421

 22, 24.943,
225.421

 12, 24.943,
225.421

 2, 24.943, 225.421

0, 24.943, 225.421

72, 24.943,
225.421

72, 24.943,
225.421

70, 28.903,
226.993

74, 20.338,
224.221

68, 32.156,
229.029

77, 15.174,
223.327

66, 34.680,
231.614

79, 9.543, 222.683

82, 3.534, 222.303

64, 36.511,
234.828

85, 2.773, 41.614

63, 37.769,
238.711

88, 9.305, 41.535

62, 38.249,
240.508

90, 14.654, 43.404

■ 91, 14.293, 54.648

■ 92, 14.506, 65.983

Harmonies

Complementary

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



72, 24.943, 225.421



63, 34.778, 41.563

Rectangle

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



72, 24.943, 225.421



72, 24.943, 275.421



72, 24.943, 45.421



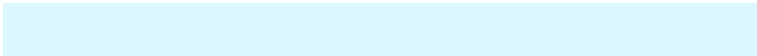
72, 24.943, 95.421

Sweetspot

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



72, 24.942, 225.419



96, 10.109, 222.607



76, 52.434, 147.142



50, 6.937, 222.721



0, 0.000, 0.000



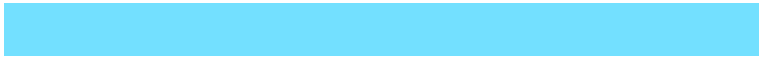
53, 0.007, 296.813

Same Dimension

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



72, 24.942, 225.419



84, 33.688, 226.993



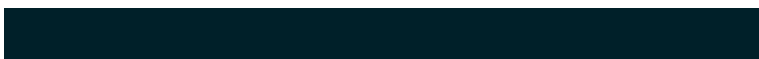
59, 39.016, 282.717



43, 3.530, 222.403



51, 32.578, 239.803



10, 12.212, 230.536

Inverse Universe

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



61, 52.364, 334.382



69, 72.711, 335.154



75, 38.137, 89.090



41, 6.596, 331.840



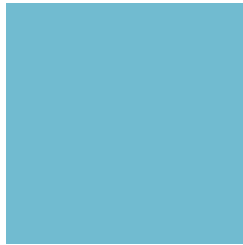
38, 71.461, 339.370



5, 26.226, 336.681

Previews

White Background



This preview shows how the CIE LCh color 72, 24.943, 225.421 looks on a white background.

Color Contrast Check

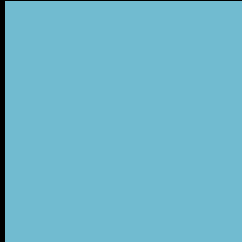
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 72, 24.943, 225.421 looks on a black 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 ✓ Pass

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

CIELCh 72, 24.943, 225.421

Background



This preview shows how black text looks on a background with the CIELCh color 72, 24.943, 225.421.



This preview shows how white text looks on a background with the CIELCh color 72, 24.943, 225.421.

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](#).

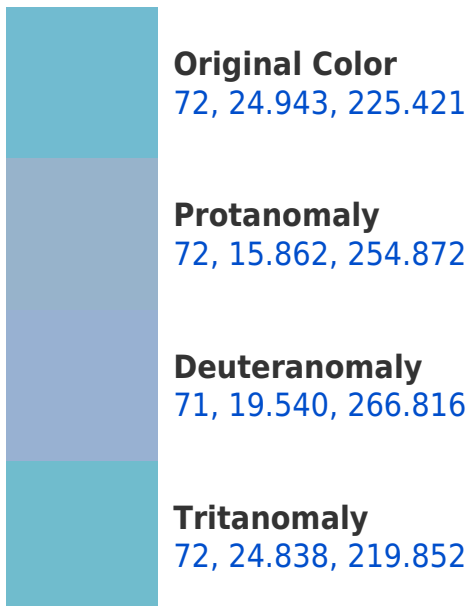
Dichromacy





Tritanopia
72, 24.635, 217.280

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 24.943, 225.421 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(113, 187, 208)` looks like.

```
.text, #text, p{  
    color:rgb(113, 187, 208)  
}
```

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(113, 187, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 187, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 24.943, 225.421 is called "border". The border property can be set on classes, ids or directly on the HTML element.

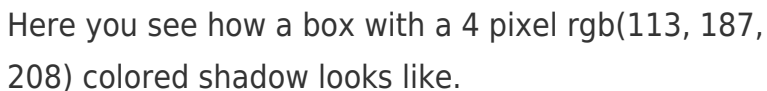
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(113, 187, 208) }
```

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

```
.border{ border-color:rgb(113, 187, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(113, 187, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 187, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 187, 208); box-shadow:4px 4px 4px 4px rgb(113, 187, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 24.943, 225.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 187, 208) }
```

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

```
.background{ background-color: rgb(113,  
187, 208) }
```

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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