

Converting Colors

CIELCh(84, 22.391, 220.017)

Have a look what the booklet for
CIELCh(84, 22.391, 220.017)
contains.

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Color

CIELCh(84, 22.475, 220.320)

Conversions

Conversions Part 1

Format	Color
Hex	99DCEC
RGB	153, 220, 236
RGB Percent	60%, 86%, 93%
CMY	0.3997, 0.1369, 0.0742
CMYK	0.35, 0.07, 0.00, 0.07
HSL	192°, 69%, 76%
HSV	192°, 35%, 93%
XYZ	53.9151, 64.0658, 88.9387
YIQ	201.7910, -45.0680, -9.2280

Conversions

Conversions Part 2

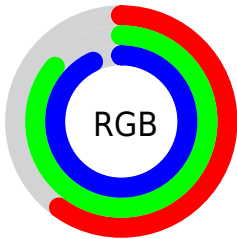
Format	Color
RYB	153, 190, 236
Decimal	10083564
CIELab	84.00, -17.14, -14.54
CIELCh	84, 22.475, 220.320
Yxy	64.0658, 0.2606, 0.3096
Android (android.graphics.Color)	4288273644 (0xFF99DCEC)
YUV	201.7910, 16.8650, -42.7897
Hunter-Lab	80.0411, -19.8357, -9.8521

Details

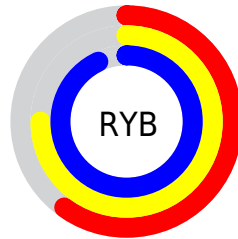
The CIELCh color **84, 22.475, 220.320** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **75, 28.922, 38.614**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.999, 198.507**, and **64, 22.460, 219.849** is the 20% darker color. If you saturate the color by 10%, you get **82, 27.589, 221.291**, and if you desaturate by 10%, it is **87, 16.704, 219.616**.

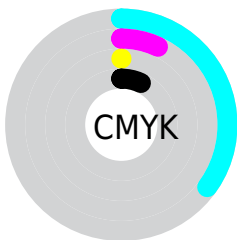
Distribution



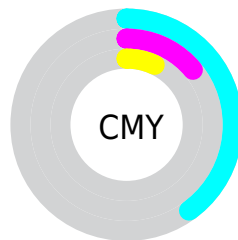
- Red (60%)
- Green (86%)
- Blue (93%)



- Red (60%)
- Yellow (75%)
- Blue (93%)



- Cyan (35%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)





- Cyan (40%)
- Magenta (14%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 22.475, 220.320 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 84, 22.475, 220.320 by changing the saturation by 10% instead.


 84, 22.475,
220.320


 84, 22.475,
220.320


 100, 22.475,
220.320


 74, 22.475,
220.320

 64, 22.475,
220.320

 54, 22.475,
220.320

 44, 22.475,
220.320

 34, 22.475,
220.320

 24, 22.475,
220.320

 14, 22.475,

220.320

■ 4, 22.475, 220.320

■ 0, 22.475, 220.320

■ 84, 22.475,
220.320

■ 84, 22.475,
220.320

■ 82, 27.589,
221.291

■ 87, 16.704,
219.616

■ 79, 31.944,
222.604

■ 89, 10.386,
219.142

■ 77, 35.460,
224.334

■ 92, 3.628, 218.924

■ 76, 38.103,
226.564

■ 95, 3.475, 38.377

■ 97, 5.548, 57.862

■ 74, 39.903,

229.374

98, 6.350, 84.181

72, 40.982,
232.814

99, 8.108, 101.747

72, 41.364,
234.639

100, 9.579,
109.452

Harmonies

Complementary

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



84, 22.475, 220.320



75, 28.922, 38.614

Rectangle

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



84, 22.475, 220.320



84, 22.475, 270.320



84, 22.475, 40.320



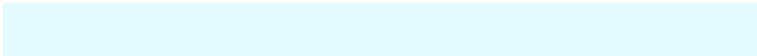
84, 22.475, 90.320

Sweetspot

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



84, 22.475, 220.316



97, 8.115, 219.010



87, 46.271, 147.167



51, 5.433, 219.050



0, 0.000, 0.000



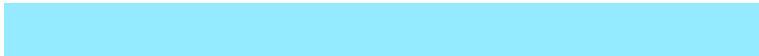
53, 0.007, 296.813

Same Dimension

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



84, 22.475, 220.316



88, 27.709, 220.968



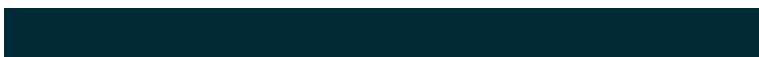
73, 31.527, 278.101



48, 3.933, 218.971



56, 33.861, 233.923



16, 14.417, 227.772

Inverse Universe

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



73, 46.109, 332.552



75, 58.196, 333.041



85, 31.519, 87.883



46, 7.399, 330.836



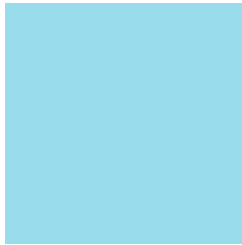
41, 76.954, 337.701



9, 33.661, 336.063

Previews

White Background



This preview shows how the CIELCh color 84, 22.475, 220.320 looks on a white background.

Color Contrast Check

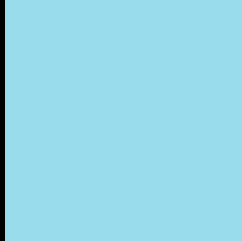
Large Text (above 18pt) WCAG AA × Fail

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 84, 22.475, 220.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

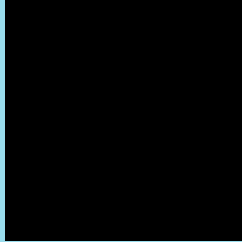
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 22.475, 220.320

Background



This preview shows how black text looks on a background with the CIELCh color 84, 22.475, 220.320.




This preview shows how white text looks on a background with the CIELCh color 84, 22.475, 220.320.

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](#).

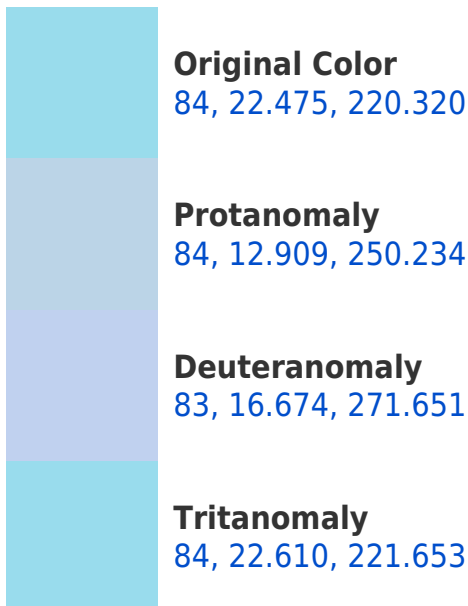
Dichromacy





Tritanopia
84, 22.756, 222.969

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 22.475, 220.320 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(153, 220, 236)` looks like.

```
.text, #text, p{  
    color:rgb(153, 220, 236)  
}
```

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(153, 220, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 220, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 22.475, 220.320 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(153, 220, 236) }
```

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

```
.border{ border-color:rgb(153, 220, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 220, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 220, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 220, 236);  
box-shadow:4px 4px 4px 4px rgb(153, 220,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 22.475, 220.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 220, 236) }
```

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

```
.background{ background-color: rgb(153,  
220, 236) }
```

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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